

Scale AVIATION Modeller International

Gloster Gauntlet

by Richard J. Caruana

BAe Harrier GR.3
GM FM-2 Wildcat
Yakovlev Yak-18
Heinkel He 177
AT-9 Jeep



Volume 9 Issue 9 September 2003 £3.50
09 >
9 771356 053071



©2002 The Testors Corp., Rockford, IL 61104 / An RPM Company "Aztek" is a trademark of The Testor Corporation

HEAVY METAL

Introducing the New A7778™ Metal Body Airbrush from Aztek®

You asked for it, you got it! We've combined the ease and flexibility of the Aztek® premium A470™ airbrush design with a high-quality triple-chrome-plated body to create the new A7778™ Metal Body Airbrush.

Forged from Premium alloy, the double action internal mix A7778™ weighs in at 119 grams, giving it the substantial weight of a metal airbrush with the balance and feel of the ergonomic Aztek® design.

As with other Aztek® airbrushes, the A7778™ features



Housed in a beautiful hardwood case, the A7778™ comes with the full range of tips, color cups and adapters to make it the most complete Aztek® system to date.

the patented quick-change, easy-to-clean nozzle system. Add to that the full range

of tips, paint cups, bottles, gravity feed color cups and accessories, and you've got a modern heavy duty airbrush system that provides both precision paint application and excellent durability.

So if you have a heavy duty need for precision paint application using the most modern airbrush technology, look for the Aztek® A7778™ at your Aztek® dealer today.

AZTEK



news & reviews

804... News Update

The latest news on modelling products from around the world

810... Previews

An initial look at new kits that we have received for review

816... Special Preview

We take a look at the all-new Sopwith F.1 Camel from Eduard

818... Reviews

The Review Team builds a selection of the latest kits

830... Accessories

This month we take a look at recent products from Eduard M.A., Aires, AIMS, CMK, Fabflight & Part

842... Decals

Some of the latest sheets from AeroMaster & Fox One Decals

regulars

890... The Bookshelf

895... Readers' Classified Ads

896... Events Diary

897... Shop & Web Guide

898... Address List

898... Advertisers' Index

features

846



Gloster Gauntlet

This month Richard J. Caruana takes a look at this inter-war biplane

856



The Luftwaffe's 'Flying Lighter'

Steve Evans enjoys making the all-new 1/72nd scale Heinkel He 177 from Revell

862



Cute Little AT-9 Jeep

Frank T. Cuden builds the AT-9 in 1/72nd from the Pavla kit

872



Sweet Cat

Ever thought of detailing a Wildcat, well Phil Ware did and in 1/144th scale to boot!

876



Red '16'

Yes, he is back making Harriers again! Bill Clark takes on the GR.3 in 1/24th scale from Airfix

884



Quick Build - Yak-18 Max

Moving up a scale, David Francis tackles the Yak-18 in 1/32nd scale from Trumpeter

Quick Build

Published by SAM Publications

Media House, 21 Kingsway, Bedford MK42 9BJ
Telephone: +44 (0) 8707 333373
Fax: +44 (0) 8707 333744
Email: mail@sampublications.com

PUBLISHER SAM Publications

GROUP EDITOR Richard A. Franks
Media House, 21 Kingsway, Bedford MK42 9BJ
Email: SAMed@compuserve.com

GROUP EDITOR'S PA Lynette S. Lever

Email: Lever24@aol.com (note new address)

The above address and Emails are ONLY to be used for editorial submissions. They are NOT for subscription payments or queries, back issue or Modellers Datafile orders. Please send all of these to the SAM Publications address detailed at the top of this column.

SAM PUBLICATIONS EMAIL

mail@sampublications.com
Also use this address for back issue orders, subscriptions or subscription enquiries or book orders. Note that we cannot undertake research into specific or general aviation queries and that there may be some delays in responses from the contributors, as they are not based at the editorial address. The above email is ONLY to be used for editorial related enquiries.

ART DIRECTOR Simon Sugarhood

AVIATION ILLUSTRATIONS Richard J. Caruana (Malta);
Michele Marsan (Italy)

AVIATION HISTORIANS Richard J. Caruana (Malta);
Ian K. Baker (Aus); Harry Woodman (UK)

CONTRIBUTORS THIS MONTH

Richard J. Caruana (Malta); Bill Clark (UK);
Frank T. Cuden (USA); Steve Evans (UK);
David Francis (UK); Phil Ware (UK)

REVIEW TEAM THIS MONTH

Chris Busbridge; Mark Chadbourne;
Wayne Harris; Paul R. Harrison;
Andy McCabe; Neil Pinchbeck

SHOW REPORTS Robert Day (UK)

COMMERCIAL ASSISTANT Julie Rickevicius

ADVERTISING DIRECTOR Mark Peacock
ADVERTISING EXECUTIVE Odette Bonfield
Tel: +44 (0) 8707 333 733

PRE PRESS PRODUCTION SAM Publications

PRINT PRODUCTION Swan Print

DISTRIBUTION COMAG Specialist (UK)

If you have problems finding your copy, call
COMAG Specialist on +44 (0) 1895 433800

NORTH AMERICAN DISTRIBUTION

Disticor, 695 Westney Rd South, Suite 14,
Ajax, Ontario, Canada L1S 6M9
Tel: +1 (905) 619 6565

© SAM PUBLICATIONS 2003

Articles, photographs and drawings published in Scale Aviation Modeller International are protected by copyright. Reproduction in whole or in part is forbidden without prior authority of the publishers. Opinions expressed by contributors and advertisers are not necessarily those of the editor or publisher. SAM Publications reserves the right to suspend or refuse any advertisement without giving reasons. Whilst every care is taken to avoid mistakes SAM Publications cannot be liable in any way for any errors or omissions. Nor can the publisher accept responsibility for the bona fides of advertisers.

Contributions and photographic material are welcome, but must be accompanied by adequate postage to cover return. SAM Publications accept no responsibility for loss or damage to materials supplied.

SUBSCRIPTIONS

Cheques/Money Orders in Sterling only made payable to **SAM Publications** and sent to the address above. Major credit card payment accepted by telephone.

Subscription Hotline +44 (0) 8707 333373

AMERICAN SUBSCRIPTIONS

American subscribers can subscribe direct through **SAMI CLUB** or through
WISE OWL WORLDWIDE PUBLICATIONS
5150 Candlewood St, Suite 1,
Lakewood, CA 90712-1900, USA
Tel: +1 (562) 461 7574 Fax: +1 (562) 461 7212
Email: info@wiseowlmagazines.com
Web: www.wiseowlmagazines.com
9am-5pm Pacific time, Mon-Fri
- VISA/Mastercard accepted
Subscription rates: \$76 surface; \$92 air.



American shops and trade may obtain copies from **KALMBACH PUBLISHING**
Toll Free 1 800 558 1544
Canadian shops and trade may obtain copies from **GORDON & GOTCH**
Toll Free 1 800 438 5005

Scale Aviation Modeller International, Volume 9 Issue 3,
April 2003 (ISSN 1356-0530) published monthly by SAM
Publications, 2221 Niagara Falls Blvd, Niagara Falls NY
14304-5709. Periodicals postage pending Niagara Falls, NY.
US Postmaster: Send address corrections to Scale Aviation
Modeller International, PO Box 265, Williamsville, NY 14231

● Questions to Contributors

If you have a question or query you wish to raise with any of the contributors to this magazine, they should be made **IN WRITING** to the SAM Publications address. Neither the Editor nor any of the contributors are at SAM Publications on a daily basis and the Editor asks for all enquirers to appreciate this fact and be patient. Please understand that the staff at SAM Publications do not have access to the information you require and therefore cannot answer your questions on the phone. Please enclose a stamped SAE with all enquiries, if you anticipate a reply. Thank you.

● Samples for Review

Scale Aviation Modeller International is always happy to review new products within its pages. Any item which you feel is appropriate will be given due consideration for inclusion in the title. Any company, trade representative, importer, distributor or shop which wishes to have products reviewed within Scale Aviation Modeller International should send them directly to the editorial address and clearly mark them for the attention of the Editor. Confirmation of receipt of the samples will be supplied if requested. For all international companies etc the above applies, but please ensure that the package is clearly marked for customs as a 'sample, free of charge' to reduce the risk of unnecessary delays. Thank you.

● Company/Suppliers Addresses & Enquiries

Please note that the Editor and staff at SAM Publications cannot help with general enquiries about contact details for companies, importers or model shops whose products may be mentioned in Scale Aviation Modeller International if the address information is not included with the review etc. Please check the advertisements in this journal for all suitable UK sources and only contact the firm directly if it is noted that there is 'No UK stockist'. We are sorry, but we cannot help with details of companies which do not advertise in this magazine. Also note that neither the Editor nor contributors will undertake specific or general aviation research for enquirers. Thank you.

Scale Aviation Modeller International is published monthly by SAM Publications and is distributed to the news trade by the last Thursday of each month. Next edition date is 27th September 2003.

Copyright Warning

Due to the growing misuse and breach of copyright apparent on the web SAM Publications gives notice that no-one is permitted to reproduce in any way (in original form or 'modified') anything published in this, or previous editions of this magazine. All design, layout and studio photography is the copyright of SAM Publications. All profiles, scale plans and supporting photographs are the copyright of the individual authors. None of these may be used without prior written agreement from both the author/artist and SAM Publications. Infringement is a breach of international law, so if you see items posted on the web from this magazine other than on the official SAM Publications website (sampublications.com) please advise the publisher immediately.

© SAM Publications 2003

All rights reserved. No part of this publication may be reproduced or transmitted (including posting to a website) in any form or by any means, electronic or mechanical, including photocopy, recording, or any other information storage and retrieval system, without prior permission in writing from the publishers.

editorial

Where are all the younger modellers?

Last month I touched on one question that comes up time and time again, well this month here is another one. I have heard many people pose this question, and all of them seem to think it is the be all and end all to the future of our hobby. Now I agree that the hobby will only continue and thrive if we have new people taking it up, and that means a younger generation. However, I really think that most of those posing the question seem to have acquired a rather rosey view of the whole subject with age! I started model making at the age of eight. I had no 'income' and got all my models as presents or in return for 'work' undertaken (cleaning cars etc).

My monthly output was not huge, as I had no disposable income to support it, but I probably made 20+ models a year, as I got quite a few on my birthday and Christmas. That said I NEVER attended a model show or club throughout my childhood and right up into my twenties. The problem is that as a youngster the last thing you want is to be surrounded by, dare I say it, "old men". Basically you make models as fun, as an extension of a passion and, when you are very young, to blow up etc in wargames! The appeal of a model club or show



is not one you can see as a youngster and the rather nit-picking environment is not one that appeals. I have seen and heard new teen and adult members to a club greeted by the local club know-it-all with phrases like "those decals are terrible", or "not bad for a first time effort".

How do you expect to encourage people in this hobby with stupid remarks like that! So the know-it-all feels big, but the potential new member of the club is unlikely to return again (and didn't in the above two cases I hasten to add!).

So, where are the youngsters? Well, you need to understand that the

subjects they will like are most likely to be in the sci-fi field and anyone down town on a Saturday morning will usually find their local Games Workshop packed with kids and what are they doing - yes, building models and playing games! Like us all, in twenty-something years they will have got the job, house and 2.5 children and be looking back with those rose-tinted glasses at the good old days when they made models. I wonder if they will be asking the same question - "Where are all the younger modellers?" - I expect so! Until next month...

Richard A. Franke

Group Editor
SAM Publications

news update

AZUR

1/72nd

One of the most recent kits released by Azur in this scale was the Potez 630 (#A36/£12.55).



1/32nd

Azur have moved into this large scale recently with the release of an all-new tooling of the Dewoitine D.520C.1 (#A40/£19.40).



1/32nd

The second WWI subject in this scale from Battle Axe was released in early August and was the Fokker E.III (#3202/£44.50).

Classic Airframes

1/48th



Classic reissued the Westland Whirlwind (#CF463) in this scale during early August. The kit features new box art and decals and now has an injected canopy instead of the vac-formed example in the first edition. It retails for £29.95.

EDUARD

1/72nd

Eduard released in early July the ex-Fine Molds Messerschmitt Me 410 Hornisse (#7028) with additional etched detail parts etc and it retails for no less than £34.30!

FUJIMI

1/72nd

Listed in Japan for an August release is the Grumman F-14 Tomcat 'Black Knight' (#72152/¥2500).

DRAGON



1/48th

Back once again in this scale during August was the Luftwaffe day fighter crew set (#5532/£17.99).

Due for reissue during September is the Focke-Wulf Ta 152H-1 (#5501/¥3400).

**MINICRAFT
MODEL KITS**

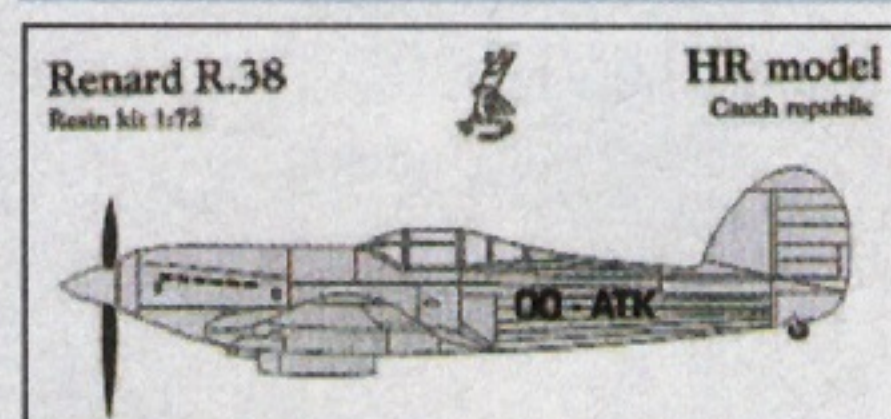
1/144th

Back in a Minicraft box during late July was the ex-Airfix Boeing 314 Clipper 'Pan Am' (#14503/£14.99), which is a disappointment to many as I am sure they expected and hoped for an all-new tooling of this important type.

1/72nd

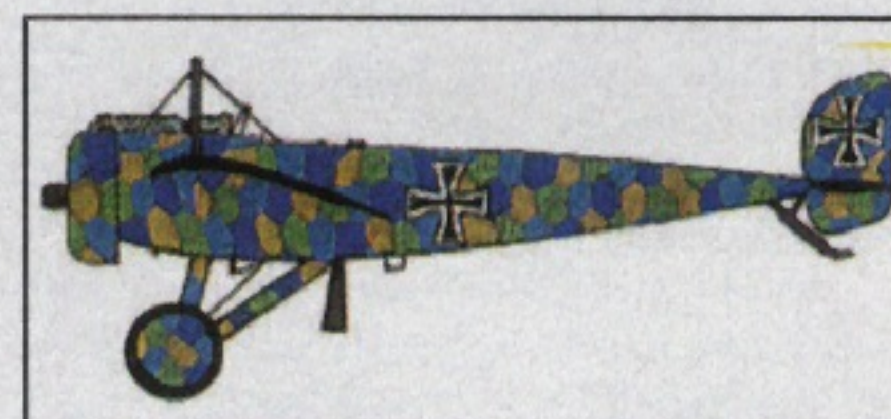
Back in this scale during July was the Consolidated PB4Y-1 Liberator (#11633/£19.99).

HR model



1/72nd

Recently released by this manufacturer was a resin kit of the Renard R.38 (#7286/£14.90).



1/48th

Two new resin aircraft kits were released in early August, they were the Pfalz D.VI (#4805/£26.40) and Pfalz E.I (#4806/£26.40). The latter item also includes decals.



1/72nd

The recently released Martin AM-1 Mauler [early version] we mentioned last month is indeed the ex-Siga kit, as Siga have apparently sold all their moulds to Ace.

Heller**1/72nd**

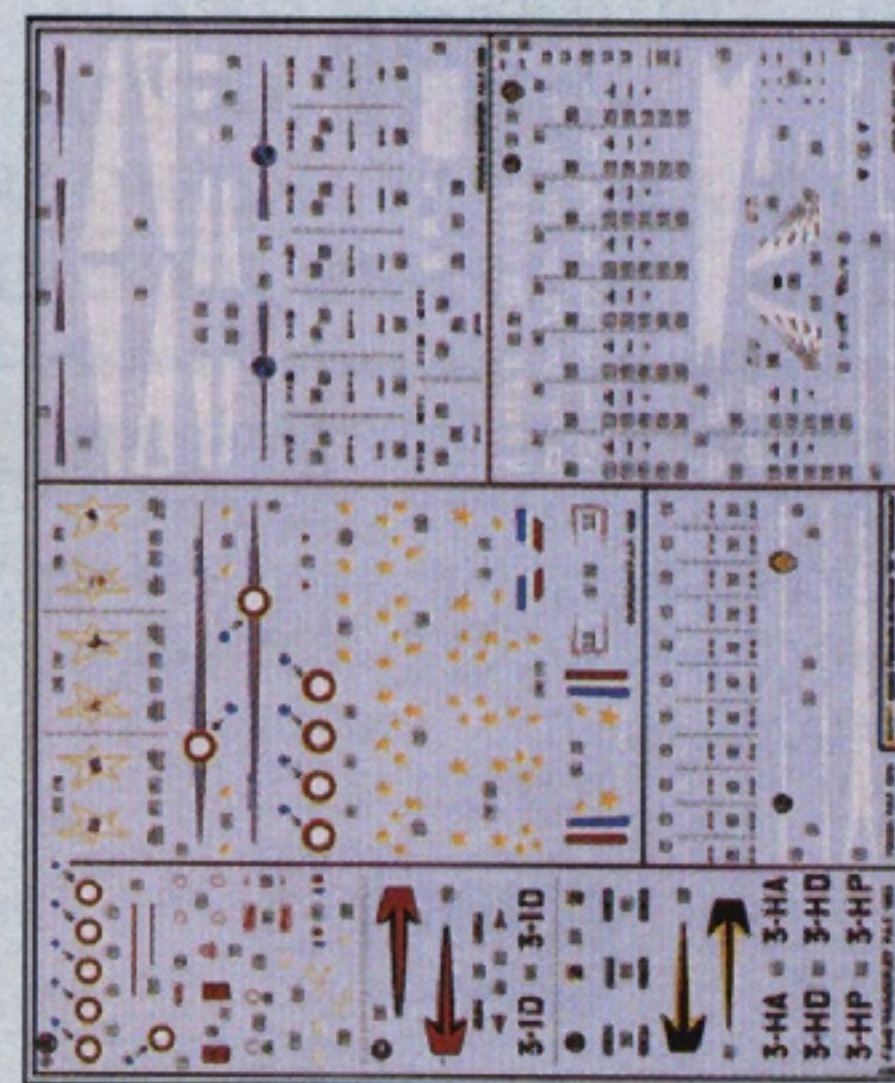
Recently Heller have produced a limited edition special boxing to celebrate the 50th anniversary of the French national aerobatic display team; Patrouille de France. This boxed set comprises their 1/72nd scale kits of the Republic Thunderjet, Dassault MD 450 Ouragan, Fouga CM 170 Magister and Dassault Alpha Jet. These four types were



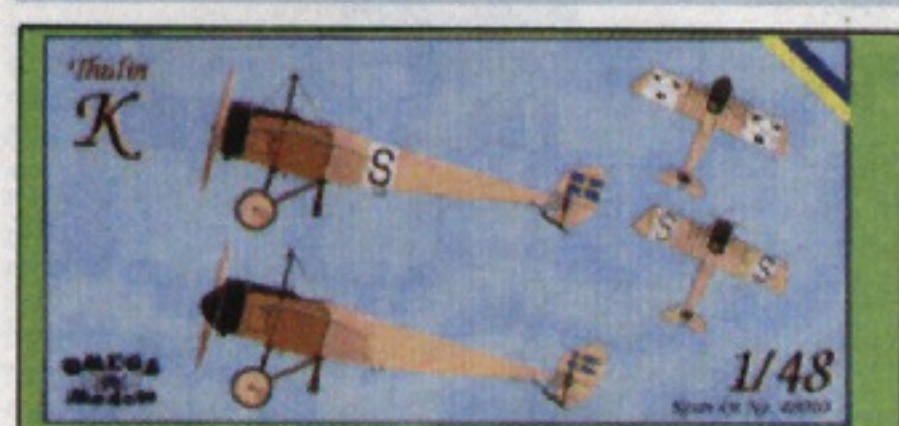
operated by the team from 1953 through to the present day. The set also contains ten tins of enamel paint, a tube of plastic cement and a paintbrush. Probably the most impressive items



in the set are the decal sheet and the special 2003 souvenir booklet. The former is huge, as big as the box, and gives a full set of markings for each machine included in the set. The 34 page booklet is a special produced by Heller and the Armée de l'Air and it includes a mass of photos of the team, as well as technical data on the aircraft they flew.



We are not sure of the worldwide availability of this item at time of going to press, but if you do see one pick it up as it is a real gem of a set.

OMEGA Models**1/48th**

One of the most recent resin kit releases from this manufacturer in this scale is the Thulin K [Swedish version] (#4810/£30.45).

FireMolds**1/48th**

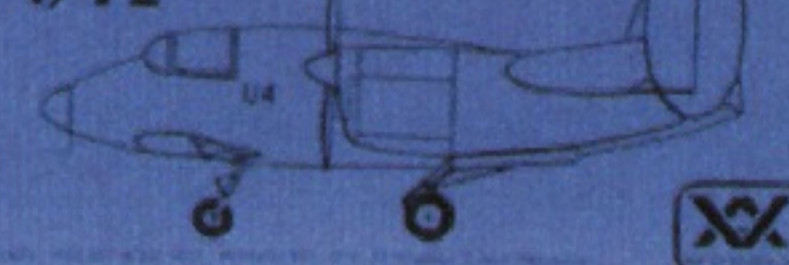
Listed for release during August in Japan are the A5M1 Type 96 Fighter (#FA-01R/¥3900), A5M2 Type 96 Fighter [Early Model] (#FA-02R/¥3900), A5M2 Type 96 Fighter [Late Model] (#FA-03R/¥3900) and Mitsubishi A7M2 Reppu Model 11 (#FB-12/¥2900).

MONOGRAM**1/48th**

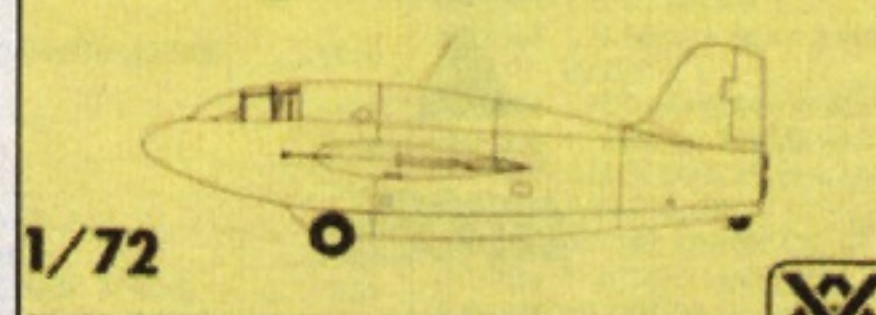
Back again in this scale from Monogram is the Douglas A/B-26C Invader (#85-5508) and at £14.99 in the UK it is actually cheaper than when it was first released some six years ago!

**1/35th**

Released in the UK in early August was the Sikorsky UH-60A/L Blackhawk (#6430/£32.99), which we presume is the ex-Academy tooling?

XX MODELS**1/72nd****Miles M. 39B Libellula****1/72**

Some of the most recent resin kit releases from A & V Models include the Miles M.39B Libellula (#K116/£22.15), Rikugun Ki-202

Rikugun Ki - 202**Yak 25 (1947)****1/72**

(#K115/£20.75) and Yak-25 (#K117/£24.20). The latter kit depicts the original version of the Yak-25 from 1947.

KORA models**1/72nd**

Recent resin kit releases from Kora include the Miles M.20/4 (#7263/£26.00) and Miles M.20/2 (#7262/£26.00).

**GAVIA****1/72nd**

Back once again from Gavia in this scale during July was the L-410 UVP Turbolet (#011/£18.50). This is an updated version of the original kit in the 'Professional Accessories' range and comes complete with etched detail parts and new decals.

**1/72nd**

Released in the UK in late July was a special limited edition reissue of their Spitfire Mk Ia kit to commemorate the 50th Anniversary of their first kit in 1953. The kit is packaged with the same header as the original and in a poly bag, but unfortunately it is not the original kit (that was converted to a Mk V and then IX) nor does it have the correct 'oval' display stand of the original (the kit includes the familiar U-shaped stand of the 1970s). This kit (#1001) is a limited edition and retails for £2.99

Celebrating a Century of Flight! The Top 100 Poll

December 2003 marks the Centenary of the first powered flight and Scale Aviation Modeller International wants to celebrate it and is asking you, our readers, for your votes.

All you have to do is email (sampublications@comsam.co.uk), fax (+44 [0] 8707 333744) or write (SAM Publications, Media House, 21 Kingsway, Bedford. MK42 9BJ) telling us which aircraft types you consider to be the TEN most significant in the last 100 years. Alternatively, from April 6th you can fill out a form online at www.sampublications.com.

Richard J. Caruana has undertaken to produce colour side profiles of the top 100 types in accordance with these votes and these will appear in the December 2003 edition.

ALL VOTES MUST BE IN BY THE 31ST AUGUST 2003.

RVHP

1/48th

Recent resin kit releases in this scale from RVHP include the Grumman SF-1 (#4818/£34.60), Grumman (CCF) G-23 'Goblin' (#4819/£34.60) and Grumman (CCF) G-23 'Delfin' (#4820/£34.60).

Revell

1/144th

Due for release during August in this scale is the all-new kit of the Lockheed X-35B JSF (#04009/£2.99).

There is no sign of the all-new kit of the Canadair CL604 Challenger (#04207) to date, so hopefully this will be released in September as it was scheduled for the 3rd quarter of 2003?

**1/72nd**

New in this scale during August is the Sea King Mk 41 with Skua missiles (#04411/£12.99), which is just an updated reissue of the Sea King kit.

1/48th

The special book and kit combination set comprising the TBD-1 Devastator with a 48 page book on US Navy and Marine aircraft of World War II that we mentioned a few months ago, is now available in the UK. It (#85-6875) retails for £22.99.

Due for release during August is the ex-Monogram tooling of the Consolidated B-24D-Liberator (#04529/£34.99), which was actually due for release in the 4th quarter

(October, November or December) of 2003 in the initial Revell release schedule for 2003?

1/32nd

Due for reissue in this scale during August is the Lockheed P-38J/L Lightning (#04701/£14.99).

LEGATO
KITS**1/72nd**

Recent resin kits released in this scale from Legato include the V.S. Spitfire F Mk IIC (#04872/£20.00) and Nardi Fn.305 (#04972/£18.70).

**1/48th**

Having only recently moved into 1/48th scale, Legato have recently released their second kit, the Löhner D.I (#4802/£29.75).

ACCURATE
MINIATURES**1/48th**

This company has announced the reissue of the N.A. Mustang Mk IA, and the Iluyshin Il-2m3 Stormovik for mid-October 2003.

At the same time there will be a new item released in the shape of the N.A. F-6B photo-reconnaissance version of the Mustang.

PANDA
MODELS**1/48th**

Due for release in Japan during August is the F-35K 'Fleet Air Arm' (#48004/¥2000).

Sword

**1/48th**

The most recent limited-run kit from this

manufacturer is the Northrop T-38 Talon (#4804/£17.99) which features resin detail parts and an injected canopy.

RODEN

1/72nd

Due for worldwide release during September is the Gotha G.Va/G.Vb (#020).

1/48th

Due for release by Roden in this scale during September will be the Gloster Gladiator Mk II (#401), Sopwith I.B1 'French bomber' (#411) and Fokker D.VII [Early] (#415).

TAMIYA

**1/48th**

The 'Bubbletop' version of the Republic P-47D Thunderbolt (#61090) was released by Tamiya in the UK in late July and retails for £27.99.

winners

**'Wellington Competition'**

The two lucky winners who correctly identified Barnes Wallis as the designer of the Wellington's geodetic construction are:

One

Allan Strombert
Sweden

Two

Mr Woodward
Zimbabwe

TRUMPETER

1/32nd

Released in Japan in late July and due in the UK by the



time you read these words are the Republic F-105D Thunderchief (#02201/£59.95) and Republic F-105G Wild

Weasel (#02202/£59.95).

1/24th

Released in the UK in late July was the all-new tooling of the Mitsubishi A6M2b Type 21 Zero (#24005/£69.95).

This will be followed during August with the release of the Messerschmitt Bf 109G-2 (#02406/¥9800) and Messerschmitt Bf 109G-6 [Early Version] (#02407/¥9800).



subscribe

SCALE
MODELS
INTERNATIONAL

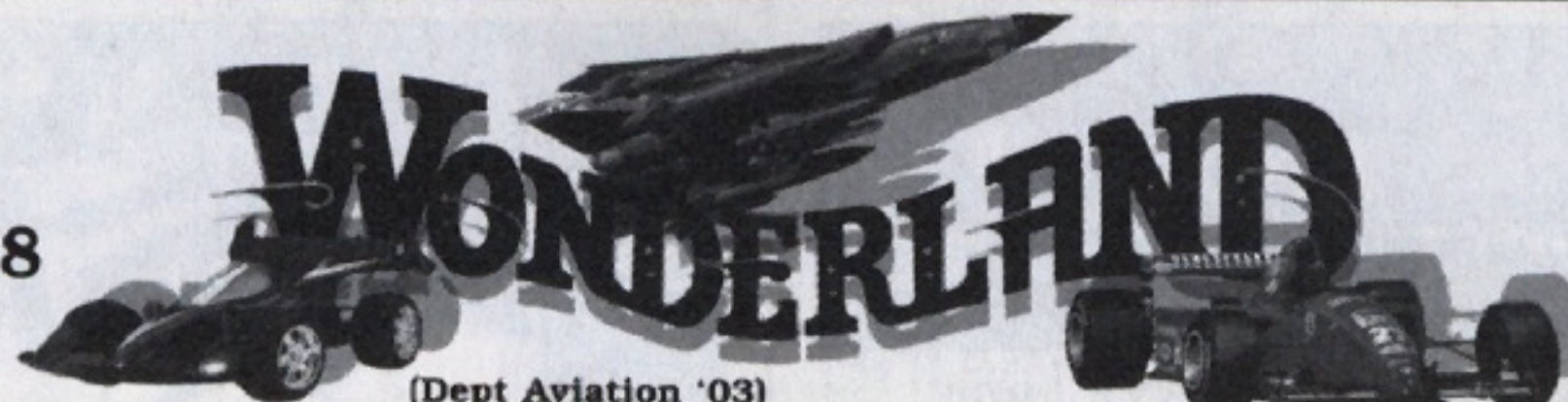
The original monthly modelling magazine – for all ages and skill levels

Available in all good newsagents.
To obtain yours just call the hotline below.

Subscription Hotline: +44 (0) 8707 333373
email: sampublications@comsam.co.uk

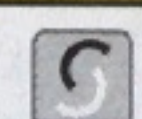


97-101 LOTHIAN ROAD,
EDINBURGH EH3 9AN.
TELEPHONE: 0131-229-6428
FAX: 0131-229-7625



(Dept Aviation '03)

SCOTLAND'S LEADING
MODEL SHOP -
WORLDWIDE FAST MAIL
ORDER SERVICE



A MODEL

| | | |
|----------|------------------------|-------|
| AMU0472 | 1/2 TU-142M3 | 95.00 |
| AMU0572 | 1/2 AN-71 MAINSTAY | 63.99 |
| AMU0672 | 1/2 TU-142R | 95.99 |
| AMU7286 | 1/2 HYDROPLANE SPL | 7.99 |
| AMU7294 | 1/2 YAK-28R | 8.50 |
| AMU7291 | 1/2 YAK-50 2ND VERSION | 11.50 |
| AMU7298 | 1/2 CHRISTIAN EAGLE 2 | 7.99 |
| AMU7299 | 1/2 MIG-9 | 7.50 |
| AMU72102 | 1/2 YAK-28L | 11.50 |
| AMU72105 | 1/2 YAK-3 VK 107 | 8.50 |
| AMU72111 | 1/2 YAK-27R | 11.50 |

ACADEMY

| | | |
|--------|---------------------------------------|-----------------|
| AC2191 | 1/32 F/A-18C HORNET | 89.99 NOW 79.99 |
| AC2202 | 1/48 AVIA S-199 | 11.99 |
| AC2204 | 1/48 CORSAIR - BIRDCAGE VERSION | 11.99 |
| AC2206 | 1/48 P-47N | 13.99 |
| AC2211 | 1/48 P-47D "NOSE ART" | 13.99 |
| AC2215 | 1/48 P-36 | 15.99 |
| AC1604 | 1/72 B. C97A STRATOFREIGHTER | 29.99 NOW 15.99 |
| AC1605 | 1/72 BOEING KC-97G TANKER | 29.99 NOW 15.99 |
| AC1641 | 1/72 JU-87 G STUKA | 4.99 |
| AC2205 | 1/72 F-51 (KOREA) & JEEP | 5.99 |
| AC2212 | 1/72 STORCH & AFRIKA KORPS KUBELWAGEN | 5.99 |
| AC2213 | 1/72 FW-190 & KUBELWAGEN | 5.99 |
| AC2214 | 1/72 BF-109E & KETTERKRAUT | 5.99 |
| AC2223 | 1/72 P-39V90 AEROCOBRA "RUSSIAN ACE" | 4.99 |
| AC2224 | 1/72 F6-33 HELLCAT "U.S. PRINCETON" | 5.99 |
| AC2225 | 1/72 P-51C "RED TAILS" & JEEP | 5.99 |
| AC2217 | 1/35 MH-60 D.A.P. | 35.99 |
| AC4443 | 1/144 B-47 DYE STRATOJET | 8.99 NOW 4.99 |

ACE MODELS

| | | |
|----------|---------------------------|-------|
| ACE72303 | 1/72 G.MAN AF-2S GUARDIAN | 14.50 |
| ACE72301 | 1/72 AN-1 MARTIN MAULER | 19.99 |

AIRFIX

| | | |
|---------|-------------------------------------|-----------------|
| AX00015 | 1/72 DH TIGER MOTH | 2.99 NOW 2.25 |
| AX00017 | 1/72 MIG 15 | 2.99 NOW 2.25 |
| AX00022 | 1/72 SKYHAWK | 2.99 NOW 2.25 |
| AX00033 | 1/72 HS HARRIER P1127 | 2.99 NOW 2.25 |
| AX00046 | 1/72 FIAT G50 BIS | 2.99 NOW 2.25 |
| AX00059 | 1/72 WESTLAND GAZELLE | 2.99 NOW 2.25 |
| AX00060 | 1/72 PIPER CHEROKEE ARROW 2 | 2.99 NOW 2.25 |
| AX00061 | 1/72 SA BULLDOG | 2.99 NOW 2.25 |
| AX00074 | 1/72 FOKKER DR1 TRIPLANE | 2.99 NOW 2.25 |
| AX00075 | 1/72 SOPWITH 2F1 CAMEL | 2.99 NOW 2.25 |
| AX00078 | 1/72 ALBATROS DVA | 2.99 NOW 2.25 |
| AX00080 | 1/72 BRISTOL F2B FIGHTER | 2.99 NOW 2.25 |
| AX00081 | 1/72 SPAD VII | 2.99 NOW 2.25 |
| AX00082 | 1/72 SOPWITH PUP | 2.99 NOW 2.25 |
| AX01000 | 1/144 F4 PHANTOM | 2.99 NOW 2.25 |
| AX01001 | 1/144 MIG 21 | 2.99 NOW 2.25 |
| AX01002 | 1/144 MIG 23 | 2.99 NOW 2.25 |
| AX01003 | 1/144 F20 TIGER | 2.99 NOW 2.25 |
| AX01014 | 1/144 F-16 XL | 2.99 NOW 2.25 |
| AX01015 | 1/144 SAAB VIGGEN | 2.99 NOW 2.25 |
| AX01016 | 1/72 F104 STARFIGHTER | 2.99 NOW 2.25 |
| AX01027 | 1/72 HAWKER TYPHOON | 3.99 NOW 2.99 |
| AX01036 | 1/72 HAWKER SIDDELEY GNAT | 3.99 NOW 2.99 |
| AX01038 | 1/72 CURTIS KITTYHAWK | 3.99 NOW 2.99 |
| AX01042 | 1/72 WESTLAND SCOUT | 3.99 NOW 2.99 |
| AX01064 | 1/72 FOCKE WULF FW 190 D | 3.99 NOW 2.99 |
| AX01071 | 1/72 SUPERMARINE SPITFIRE | 3.99 NOW 2.99 |
| AX01072 | 1/72 MESSERSCHMITT BF109 G6 | 3.99 NOW 2.99 |
| AX01083 | 1/72 BRISTOL BULLDOG | 3.99 NOW 2.99 |
| AX01084 | 1/72 C-91 FRECCO TRICOLOR | 3.99 NOW 2.99 |
| AX02003 | 1/72 BRISTOL BEAUFIGHTER | 3.99 NOW 2.99 |
| AX02005 | 1/72 MESSERSCHMITT BF 110D | 3.99 NOW 2.99 |
| AX02009 | 1/72 AVRO ANSON | 3.99 NOW 2.99 |
| AX02024 | 1/72 MIG 21 | 3.99 NOW 2.99 |
| AX02027 | 1/72 BRISTOL BLENHEIM IV | 3.99 NOW 2.99 |
| AX02038 | 1/72 GLOSTER METEOR III | 3.99 NOW 2.99 |
| AX02049 | 1/72 SABB DRAGON | 3.99 NOW 2.99 |
| AX02042 | 1/72 HAWKER HURRICANE MK | 3.99 NOW 2.99 |
| AX02046 | 1/72 SUPERMARINE SPITFIRE | 3.99 NOW 2.99 |
| AX02048 | 1/72 MESSER. BF109E | 3.99 NOW 2.99 |
| AX02051 | 1/72 HENSCHEL HS 123A1 | 3.99 NOW 2.99 |
| AX02053 | 1/72 WESTLAND LYSANDER | 3.99 NOW 2.99 |
| AX02072 | 1/72 HARRIER GR3 | 3.99 NOW 2.99 |
| AX02073 | 1/72 HAWKER HUNTER FGA9 | 3.99 NOW 2.99 |
| AX02081 | 1/72 SUPERMARINE SPITFIRE | 3.99 NOW 2.99 |
| AX02082 | 1/72 HAWKER HURRICANE MK1 | 3.99 NOW 2.99 |
| AX02088 | 1/72 LOCKHEED P-38 LIGHTNING | 3.99 NOW 2.99 |
| AX03015 | 1/72 SAAB VIGGEN | 5.99 NOW 4.50 |
| AX03019 | 1/72 DE HAVILLAND MISO | 5.99 NOW 4.50 |
| AX03021 | 1/72 SA330 PUMA | 5.99 NOW 4.50 |
| AX03025 | 1/72 ARMY LYNX | 5.99 NOW 4.50 |
| AX03026 | 1/72 RED ARROWS HAWK | 5.99 NOW 4.50 |
| AX03030 | 1/72 JUNKERS JU87B STUKA | 5.99 NOW 4.50 |
| AX03043 | 1/72 WESTLAND SEA KING | 5.99 NOW 4.50 |
| AX03051 | 1/72 BOEING VERT SEA KNIGHT | 5.99 NOW 4.50 |
| AX03059 | 1/72 SHORTS TUCANO | 5.99 NOW 4.99 |
| AX03062 | 1/72 D.H. MOSQUITO MKX XIX | 5.99 NOW 4.50 |
| AX03063 | 1/72 NAVY LYNX MK8 | 5.99 NOW 4.50 |
| AX03181 | 1/72 D.H. VAMPIRE FB 5 | 5.99 NOW 4.50 |
| AX03183 | 1/144 BOEING 737 | 5.99 NOW 4.50 |
| AX03185 | 1/144 BOEING 727-200 | 5.99 NOW 4.50 |
| AX03302 | 1/72 RAF REFUELLING SET | 5.99 NOW 4.50 |
| AX03304 | 1/72 RAF EMERGENCY SET | 5.99 NOW 4.50 |
| AX03310 | 1/72 RAF CONTROL TOWER | 5.99 NOW 4.50 |
| AX04018 | 1/72 SHORTS SKYVAN | 7.99 NOW 5.99 |
| AX04026 | 1/144 VC-10 K2 | 7.99 |
| AX04025 | 1/72 F-16 FIGHTING FALCON | 7.99 NOW 5.99 |
| AX04027 | 1/72 TORNADO GR1 | 7.99 NOW 5.99 |
| AX04032 | 1/72 MCDON-DOUG F18A HORNET | 7.99 NOW 5.99 |
| AX04035 | 1/72 TORNADO F3 | 7.99 |
| AX04039 | 1/72 HARRIER GR-7 (All 4 RAF Sqn's) | 7.99 NOW 5.99 |
| AX04043 | 1/72 SAAB JAS 39 GRIPEN | 7.99 NOW 5.99 |
| AX04100 | 1/72 SPITFIRE VB | 7.99 NOW 5.99 |
| AX04101 | 1/72 MESSERSCHMITT BF 109F | 7.99 NOW 5.99 |
| AX05007 | 1/72 CONSOLIDATED PBY-5A CAT | 9.99 NOW 7.50 |
| AX05011 | 1/48 RED ARROWS HAWK | 9.99 |
| AX05012 | 1/48 HAWK 100 | 9.99 |
| AX05013 | 1/72 F14A TOMCAT | 9.99 NOW 7.50 |
| AX05021 | 1/72 HEINKEL HE III | 9.99 NOW 7.50 |
| AX05026 | 1/72 F117A STEALTH | 9.99 NOW 7.50 |
| AX05028 | 1/72 F-15E STRIKE EAGLE | 9.99 NOW 7.50 |
| AX05029 | 1/72 DORNIER DO217E MISTEL | 9.99 NOW 7.50 |
| AX05030 | 1/72 CHINDOK | 9.99 NOW 7.50 |
| AX05031 | 1/72 DC3 DAKOTA | 9.99 NOW 7.50 |
| AX05101 | 1/48 SEA HARRIER FR1 | 9.99 NOW 7.50 |
| AX05102 | 1/48 B/EAEROSPACE GR3 | 9.99 NOW 7.50 |
| AX05104 | 1/48 P51-D MUSTANG | 9.99 NOW 7.50 |
| AX05107 | 1/48 SPITFIRE MK 8C | 9.99 NOW 7.50 |
| AX05108 | 1/48 F6F-3 HELLCAT | 9.99 NOW 7.50 |
| AX05109 | 1/48 KITTYHAWK MK 1A | 9.99 NOW 7.50 |
| AX05110 | 1/48 S/MAR SPIT MKVC SEAFIRE | 9.99 NOW 7.50 |
| AX06001 | 1/72 SHORT SUMERLAND III | 12.99 NOW 9.99 |
| AX06008 | 1/72 H.P. HALIFAX BILL | 12.99 NOW 9.99 |
| AX06100 | 1/48 SEA HARRIER FA2 | 12.99 NOW 9.99 |
| AX06178 | 1/144 LOCKHEED TRI-STAR | 12.99 NOW 9.99 |
| AX06179 | 1/144 AIRBUS A300B | 12.99 NOW 9.99 |
| AX06180 | 1/144 MCDONNELL DC-10 | 12.99 NOW 9.99 |
| AX06182 | 1/144 CONCORDE | 12.99 NOW 9.99 |
| AX07001 | 1/72 BOEING B-29 SUPERFORT | 5.99 NOW 11.99 |
| AX07002 | 1/72 SHORT STIRLING BVIII | 15.99 NOW 11.99 |

BATTLE AXE

| | | |
|--------|---------------------------|-------|
| BX4805 | 1/48 VERTOL PIASECKI HUP2 | 29.99 |
|--------|---------------------------|-------|

BERKUT

| | | |
|----------|---------------------|------|
| RBE72001 | 1/72 MIG-2 | 8.99 |
| RBE72002 | 1/72 SU-27 | 8.99 |
| RBE72003 | 1/72 SU-37 | 8.99 |
| RBE72004 | 1/72 SU-0 | 8.99 |
| RBE72005 | 1/72 SU-30 MK | 8.99 |
| RBE72006 | 1/72 SU-35 | 8.99 |
| RBE72007 | 1/72 POLIKARPOV 1-3 | 4.99 |
| RBE72008 | 1/72 POLIKARPOV 1-4 | 4.99 |

CLASSIC AIRFRAME

| | | |
|-------|---|-------|
| CF448 | 1/48 HUDSON MK I | 39.99 |
| CF449 | 1/48 HUDSON MK II | 39.99 |
| CF454 | 1/48 POLIKARPOV I-152 | 22.50 |
| CF455 | 1/48 POLIKARPOV I-152 (FINLAND, USSR) | 25.99 |
| CF458 | 1/48 DE HAVILLAND HORNET MK VII | 34.99 |
| CF459 | 1/48 DE HAVILLAND SEA HORNET | 34.99 |
| CF460 | 1/48 HAWKER HURRICANE MK.1 (R.A.F.) | 24.99 |
| CF461 | 1/48 HAWKER HURRICANE MK.1 (BGM, YOUNG, FIN.) | 24.99 |
| CF462 | 1/48 SAVOIA MARCHETTI SM.79 | 39.99 |
| CF463 | 1/48 WESTLAND WHIRLWIND (N.I. CANOPY) | 29.99 |

CONDOR

| | | |
|----------|-------------------|------|
| CON72001 | 1/72 A4V2 MISSILE | 3.50 |
|----------|-------------------|------|

DAYLIGHT

| | | |
|-----------|----------------------------------|-------|
| SH-OP0940 | FLEX-I-LENS MAGNIFIER (ON CLAMP) | 27.50 |
| SH-LA0220 | DAYLIGHT MAGNIFYING LAMP | 47.50 |

DRAGON

| | | |
|---------|----------------------------|-------|
| DR5511 | 1/48 GOTH A-60-229V6 | 27.99 |
| DR5518 | 1/48 JU-188 E-1 AVENGER | 49.99 |
| DR5532 | 1/48 LUFTWAFFE & EQUIPMENT | 17.99 |
| DR55012 | 1/72 AR-234B NACHTGAUL | 17.99 |

EDUARD

| | | |
|---------|------------------------------|-------|
| EDK7048 | 1/72 DE HAVILLAND DH 2 | 8.99 |
| EDK9083 | 1/48 LYSANDER III PROFIPOACK | 27.99 |

EASTERN EXPRESS

| | | |
|---------|--|------|
| EE28809 | 1/72 Tu-160 | 6.99 |
| EE27103 | 1/72 MIG-21P | 5.99 |
| EE27104 | 1/72 MIG-21UM | 5.99 |
| EE27105 | 1/72 MIG-21bis | 5.99 |
| EE27106 | 1/72 MIG-29 | 6.99 |
| EE27107 | 1/72 MIG-29UB | 6.99 |
| EE27115 | 1/72 MIG-31B | 9.99 |
| EE27117 | 1/72 MIG-21-93 | 6.99 |
| EE27121 | 1/72 SU-17M4 FIGHTER BOMBER | 9.99 |
| EE27122 | 1/72 SU-17UM3 TRAINER | 9.99 |
| EE27131 | 1/72 BERIEV MBR-2BIS (BE-2) | 9.99 |
| EE27142 | 1/72 RP-63G "PIN BALL" | 4.99 |
| EE27225 | 1/72 SEA VENOM | 5.99 |
| EE27262 | 1/72 BLENHEIM I | 5.99 |
| EE27263 | 1/72 SPITFIRE XIV & VI | 5.50 |
| EE27264 | 1/72 VULTURE VENGEANCE II | 5.99 |
| EE27284 | 1/72 SEA VIKEN FAW 2 | 6.99 |
| EE96001 | 1/96 BRISTOL BRITANNIA "CUBANA" | 9.99 |
| EE96002 | 1/96 BRISTOL BRITANNIA RAF SUPPORT COMMAND | 9.99 |

FONDERIE MINIATURE

| | | |
|--------|---------------------------|-------|
| FM6016 | 1/48 SUPER MYSTERE B.2 | 29.99 |
| FM6025 | 1/48 VALUATOR IIB 504050 | 31.99 |
| FM7201 | 1/72 NORD 1500 Griffon II | 13.99 |

GAVIA

| | | |
|--------|----------------------------|-------|
| GAV011 | 1/72 L-410 TURBOJET U.P.V. | 18.50 |
|--------|----------------------------|-------|

GRAND PHOENIX

| | | |
|---------|----------------------|-------|
| KTD0348 | 1/48 N.A. FJ-48 FURY | 36.99 |
|---------|----------------------|-------|

HASEGAWA

| | | |
|--------|---|----------------|
| HA0605 | 1/72 KATE "PEARL HARBOR" | 9.99 |
| HA0607 | 1/72 FW-190 A-5 "J. PRILLER" | 9.99 |
| HA0608 | 1/72 K184 FRANK | 9.99 NOW 5.99 |
| HA0609 | 1/72 ASM5C ZERO | 10.99 NOW 5.99 |
| HA0610 | 1/72 MITSUBISHI T-2 AGRESSOR | 13.99 NOW 5.99 |
| HA0611 | 1/72 F4F JG71 SPECIAL | 16.99 NOW 7.99 |
| HA0612 | 1/72 F-16D VISTA | 16.99 NOW 7.99 |
| HA0613 | 1/72 KI-43 (J) OSCAR "54TH FLIGHT REG." | 9.99 |
| HA0614 | 1/72 KI-44 (TOJO) "MAINLAND DEFENCE" | 9.99 |
| HA0615 | 1/72 F-16C "WISCONSIN A.G." | 9.99 |
| HA0616 | 1/72 F-14B TOMCAT "JOLLY ROGERS VF-103" | 16.99 |
| HA0617 | 1/72 SU-27 "EUROPEAN VICTORY MEMORIAL" | 24.99 |
| HA0618 | 1/72 KI-67 (PEGGY) "107TH BOMBER REG." | 19.99 |
| HA0619 | 1/72 ASM2B ZERO "SHOKUKU FIGHTER GROUP" | 9.99 |
| HA0620 | 1/72 F-51D I.D.F.A.F. | 9.99 |
| HA0621 | 1/72 F-110A PHANTOM II | 15.99 |
| HA0622 | 1/72 HURRICANE IC "3 SQN" | 9.99 |
| HA0623 | 1/72 KI-61 (TONY) "18TH FLIGHT TRAINING UNIT" | 9.99 |
| HA0624 | 1/72 F6-10 CORSAIR "RESERVE" | 9.99 |
| HA0625 | 1/72 FW-190 D-9 "RUDEL" | 9.99 |
| HA0626 | 1/72 F-15A/C "I.D.F.A.F." | 16.99 |
| HA0627 | 1/72 F/A-18 "ADVERSARY" | 12.99 |
| HA0628 | 1/72 F-14D TOMCAT | 17.99 |
| HA0629 | 1/72 F-15E STRIKE EAGLE | 17.99 |
| HA0630 | 1/72 ME-262 A "GALLAND" | 9.99 |
| HA0631 | 1/72 ASM5C ZERO "JUNRAI SQN." | 9.99 |
| HA0632 | 1/72 MUSTANG IV "HUDSON" | 9.99 |

HA0633

| | | |
|--------|-----------------------------|------|
| HA0633 | 1/72 F-16C "WISCONSIN A.G." | 9.99 |
|--------|-----------------------------|------|

HA0634

| | | |
|--------|-----------------------------|------|
| HA0634 | 1/72 F-16C "WISCONSIN A.G." | 9.99 |
|--------|-----------------------------|------|

HA0635

| | | |
|--------|-----------------------------|------|
| HA0635 | 1/72 F-16C "WISCONSIN A.G." | 9.99 |
|--------|-----------------------------|------|

HA0636

| | | |
|--------|-----------------------------|------|
| HA0636 | 1/72 F-16C "WISCONSIN A.G." | 9.99 |
|--------|-----------------------------|------|

HA0637

| | | |
|--------|-----------------------------|------|
| HA0637 | 1/72 F-16C "WISCONSIN A.G." | 9.99 |
|--------|-----------------------------|------|

HA0638

| | | |
|--------|-----------------------------|------|
| HA0638 | 1/72 F-16C "WISCONSIN A.G." | 9.99 |
|--------|-----------------------------|------|

HA0639

| | | |
|--------|-----------------------------|------|
| HA0639 | 1/72 F-16C "WISCONSIN A.G." | 9.99 |
|--------|-----------------------------|------|

HA0640

| | | |
|--------|-----------------------------|------|
| HA0640 | 1/72 F-16C "WISCONSIN A.G." | 9.99 |
|--------|-----------------------------|------|

HA0641

| | | |
|--------|-----------------------------|------|
| HA0641 | 1/72 F-16C "WISCONSIN A.G." | 9.99 |
|--------|-----------------------------|------|

HA0642

| | | |
|--------|-----------------------------|------|
| HA0642 | 1/72 F-16C "WISCONSIN A.G." | 9.99 |
|--------|-----------------------------|------|

HA0643

| | | |
|--------|-----------------------------|------|
| HA0643 | 1/72 F-16C "WISCONSIN A.G." | 9.99 |
|--------|-----------------------------|------|

HA0644

| | | |
|--------|-----------------------------|------|
| HA0644 | 1/72 F-16C "WISCONSIN A.G." | 9.99 |
|--------|-----------------------------|------|

HA0645

| | | |
|--------|-----------------------------|------|
| HA0645 | 1/72 F-16C "WISCONSIN A.G." | 9.99 |
|--------|-----------------------------|------|

HA0646

| | |
|--------|-------------------------------|
| HA0646 | 1/72 F-16C "WISCONSIN A.G."</ |
|--------|-------------------------------|



I/200th

Items released in this scale in the UK during July included the KDC-10 'Royal Netherlands Air Force' (#10645/£16.99), Boeing 747-400



'JAL New Scheme' (#10701/£14.99), Boeing 777-200 'JAL New Scheme' (#10703/£14.99), Airbus A300 'JAL



New Scheme' (#10731/£12.99), Airbus A320 'ANA New Scheme' (#10732/£12.99) and Boeing 777-200 'Air France' (#10729/£16.99).



Items released in Japan in July included the Boeing 727-200 'American Airlines' (#10646/¥1400) and the Space Shuttle Orbiter (#10730/¥1000).

Due for release in August in this scale is the DC-10-40 'JAL' [New Markings] (#10733) and the Boeing 767-300 'ANA' (#10706).

The only item listed for release in September in this scale is the L-1011 Tristar 'Demonstrator' (#10647).

I/72nd

Released in the UK during July were the Hawker Hurricane Mk IIC (#00620/£9.99), Kawasaki Ki-61-1 Tei '18th Flight Training Unit' (#00621/£9.99), FG-1D Corsair 'Reserve' (#00622/£9.99), Focke Wulf Fw 190D-9 'Rudel' (#00623/£9.99), F-15A/C Eagle 'Israeli Defence Force' (#00624/£16.99), F/A-18A Hornet 'Adversary' (#00625/£12.99), F-14D Tomcat 'VF-2 Bounty Hunters' (#00626/£17.99), Messerschmitt Me 262A 'Galland' (#00627/£9.99), Mitsubishi A6M5C Zero Type 52 Hei 'Jinrai Squadron' (#00628/£9.99),



F-16C Fighting Falcon 'Wolfpack 2002' (#00631/£10.99), McDD F-4EJ Kai 'Okinawa 2002' (#00638/£10.99), Messerschmitt Bf 109T (#00639/£17.99), N.A. Mustang Mk IV 'Hunsdon' (#00629/£9.99), Nakajima A6M2-N Type 2 Rufe 'Takuma Flying Group'



(#00630/£12.99) and Boeing B-47E Stratojet (#K007/£17.99).

Released in Japan during July were the CF-104 & CF-104D 'Starfighters' [two kits in one box]



(#00632/¥2400), McDD F-4B/N 'MiG Eater' (#00640/¥2400), Panavia



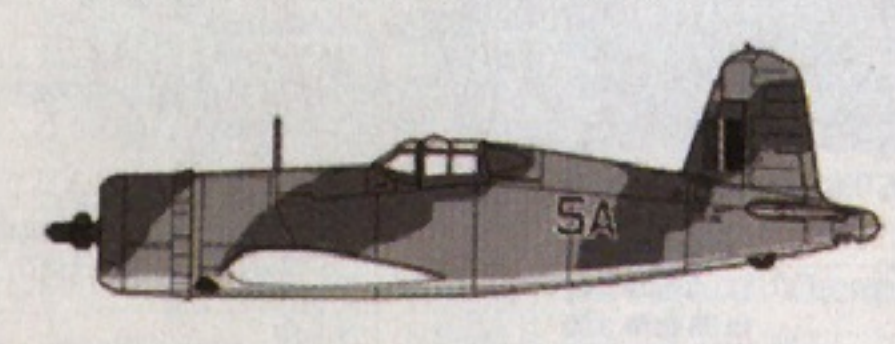
Tornado F Mk 3 'Regia Aeronautica' (#00641/¥2400), McDD AV-8B 'Italian Navy' (#00642/¥1400) and



LTV F-8E Crusader 'Sundowners' (#00643/¥1400).



Items for release in August in this scale include the Chance-Vought Corsair Mk I 'Fleet Air Arm'



(#00646), Mitsubishi F-1 'Air Combat Meet 1995' (#00647),



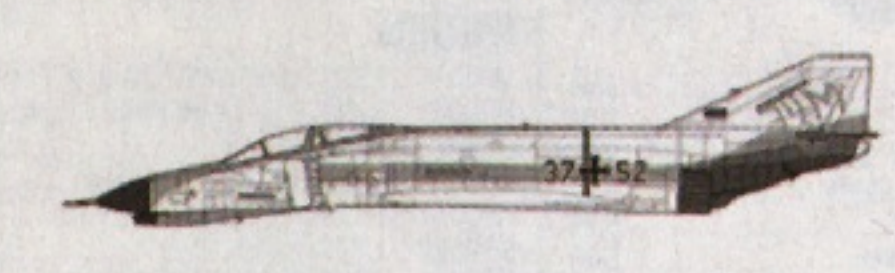
Hawker Hurricane Mk IIC 'S.E.A.C.' (#00648), Curtiss P-40N Warhawk



'CBI Campaign' (#00649) and the long-awaited, all-new kit of the N.A. B-25J Mitchell (#E16/¥3200).



September releases will be the McDD F-4F Phantom II 'JG74 20th



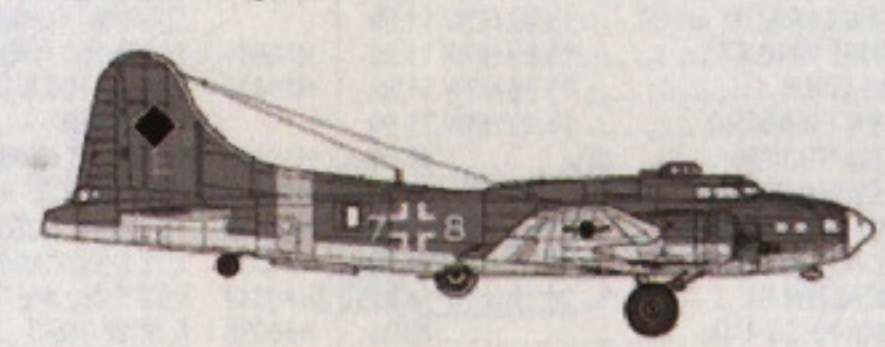
Anniversary' (#00651), V.S. Spitfire Mk VIII 'No.145 Squadron' (#00652),



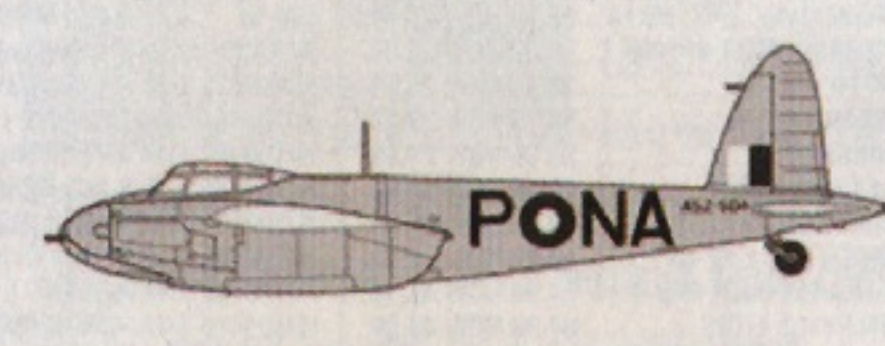
Grumman F6F-5 Hellcat 'VF-17 Jolly Rogers' (#00653), B-17F 'Luftwaffe



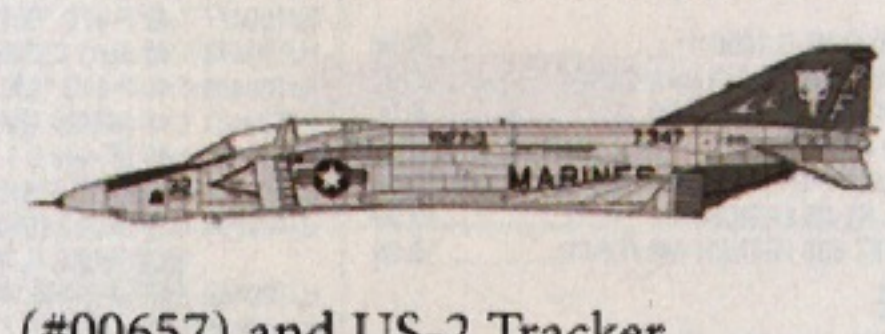
Erprobungskommando' (#00654),



Martin SP-5B Marlin 'VP-48 Boomrangers' (#00655), D.H. Mosquito FB Mk VI 'Royal



Australian Air Force' (#00656), McDD RF-4B Phantom II 'VMFP-3'



(#00657) and US-2 Tracker 'Bicentennial' (#00658).

I/48th

Released in the UK in this scale during July were the P-51D Mustang 'Big Beautiful Doll' (#09480/£15.99), Mitsubishi A6M2b Zero Type 21 'Pearl Harbor' (#09481/£15.99), Messerschmitt Bf 109E-1 'Sitzkrieg' (#09482/£17.99), F-86F Sabre 'Korean War Ace' (#09483/£21.99), Kawanishi N1K2-J Shidenkai 'Yokosuka Naval Air Group' (#09484/£16.99), Spitfire Mk VIII 'SEAC' (#09485/£16.99), A-4E/F Skyhawk 'Marine Corps'



(#09486/£17.99), F-16A Netz 'Israeli Defence Force' (#09487/£17.99),



Nakajima C6N1-2 Nightfighter Saiun with 30mm cannon (#09488/£17.99),



AH-64A Apache 'Israeli Defence Force' (#09489/£24.99), Messerschmitt Bf 109G-2 Tropical 'Black 6' (#09499/£15.99) and GD F-16CJ 'Tiger Meet' (#09438/£17.99).

Scheduled for release in Japan during July were the all-new Mitsubishi F-2A (#PT27/¥2600) plus



the Lockheed CF-104 'Starfighters' (#09490/¥2800), Hawker Hurricane Mk I 'Night Fighter' (#09494/¥2600),



Mitsubishi A6M3 Zero Type 22 Koh '261st Flying Group' (#09495/¥2400),



McDD A-4L Skyhawk (#09496/¥2600) and Messerschmitt



Bf 109G-6 'Rumanian Air Force' (#09497/¥2400).



New items due for release during August are the N.A. F-86F-30 Sabre 'J.A.S.D.F.' (#09500), Chance-Vought F4U-5N Corsair 'Soccer War'



(#09501), N.A. P-51D/K Mustang 'Pacific Aces' (#09503), Macchi C.202



Folgore 'Italian Co-Belligerent Air Force' (#09504) and Grumman F-14B Tomcat 'Jolly Rogers VF-103' (#09502).

September releases will be the McDD F/A-18B Hornet 'Test Pilot School' (#09507), Lockheed F-104G Starfighter 'Mount Olympus' (#09505), V.S. Spitfire Mk IX 'Israeli Defence Force' (#09506), Nakajima Ki-43-II Hayabusa '248th Flight Regiment' (#09508) and McDD F-4J Phantom II 'Liberty Bell' (#09509).

I/32nd

The only item released recently in the UK in this scale recently was the Lockheed F-104J Starfighter 'JASDF' (#08138/£25.99).

Released in Japan during July was the Focke-Wulf Fw 190D-9 'late version' with wooden tail (#08140/¥4200).



This will be followed in September with the release of the N.A. P-51D Mustang 'Checkertail Clan' (#08141).

Revisit the golden age of transport toys

Britain's classic transport toys are brought back to life with this set of five Special Stamps. Why not add them to your collection and relive the dream of being an astronaut or an engine driver?



This special issue miniature sheet brings the five stamps together in one easy-to-collect format.



Available from 18 September as Mint Stamps, Presentation Packs, First Day Covers (day of issue only), Stamp Cards and a five stamp Miniature Sheet. Ask for them at your local Post Office® branch, call our order line on **0845 072 2000** or visit **www.royalmail.com/stamps**

Look out for the fact-filled Presentation Pack, featuring a short guide to collecting transport toys and details of many other classic models from the golden age of British Toys.



previews

Note: We have now added a 'Production' status to these previews and all items are mainstream (unlimited) production unless otherwise stated - Ed



Lockheed Vega Model 5/UC-101

Scale: 1/72nd
Kit No: 72522
Price: £10.85
Panel Lines: Recessed ✓
Status: Revised Tooling ✓
Production: Limited
Type: Limited-run Injection Moulded Plastic
Decal Options: 2
Manufacturer: MPM
UK Importer: Hannants



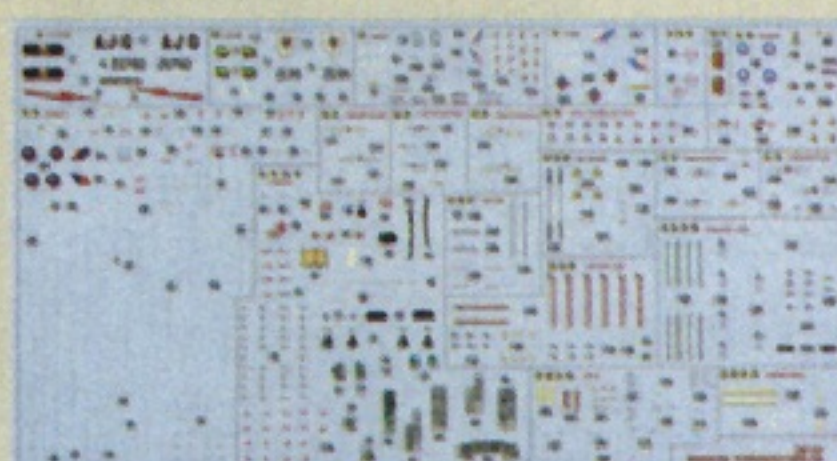
R.A.F. S.E.5a 'Hispano Suiza'

Scale: 1/72nd Kit No: 023
Price: £7.49 Panel Lines: Recessed ✓
Status: Revised Tooling ✓
Type: Injection Moulded Plastic
Decal Options: 9
Manufacturer: Roden
UK Importer: Pocketbond Ltd



The Dam Busters

Scale: 1/72nd & 1/48th Kit No: 10998
Price: £19.99 Panel Lines: Recessed ✓
Status: Combined Packaging ✓
Production: Limited Edition
Type: Injection Moulded Plastic
Also Includes: 6x Tinlets of Enamel Paint, Poly Cement & Paint Brush
Decal Options: 2 (Lancaster) & 4 (Tornado)
Manufacturer: Airfix



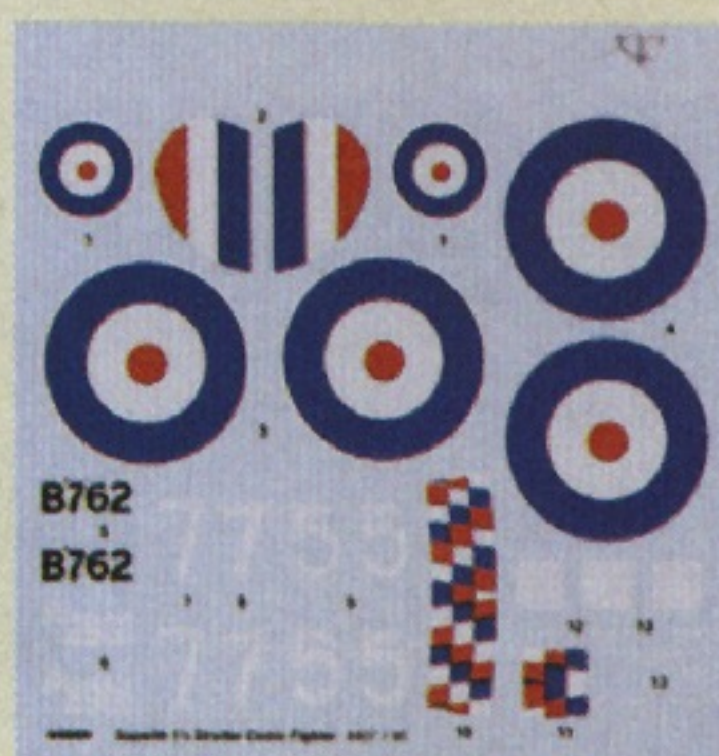
Heinkel He 111E

Scale: 1/72nd
Kit No: 027
Price: £18.95
Panel Lines: Recessed ✓
Status: Revised Tooling ✓
Type: Injection Moulded Plastic
Decal Options: 3
Manufacturer: Roden
UK Importer: Pocketbond Ltd



Sopwith 1 1/2 Strutter 'Comic Fighter'

Scale: 1/48th
Kit No: 407
Price: £17.50
Panel Lines: Recessed ✓
Status: Revised Tooling ✓
Type: Injection Moulded Plastic & Etched Brass
Decal Options: 2
Manufacturer: Roden
UK Importer: Pocketbond Ltd



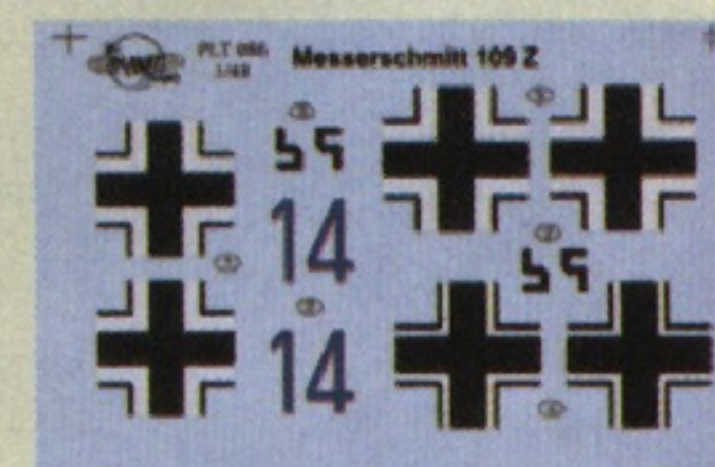
McDOD F/A-18C Hornet

Scale: 1/144th
Kit No: 04001
Price: £2.99
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Injection Moulded Plastic
Decal Options: 2
Manufacturer: Revell AG
UK Importer: Revell AG (UK Branch)



Messerschmitt Bf 109 Z

Scale: 1/48th Kit No: 086
Price: £57.80
Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Resin & Vac-formed Clear Plastic
Decal Options: 1
Manufacturer: Planet Models
UK Importer: Hannants



Felixstowe F.2A

Scale: 1/72nd
Kit No: 014
Price: £21.95
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Injection Moulded Plastic
Decal Options: 4
Manufacturer: Roden
UK Importer: Pocketbond Ltd



Nieuport 17 "C 1"

Cat. No A74

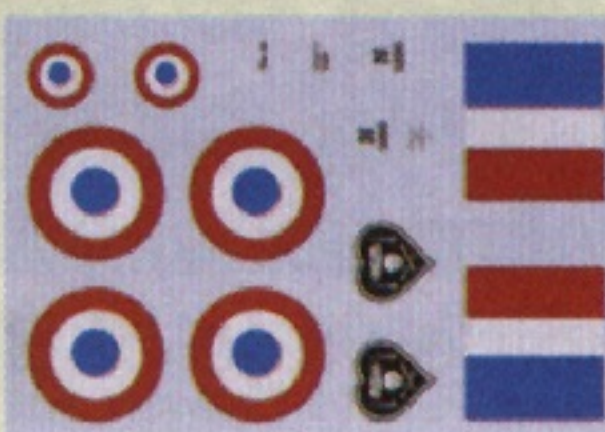
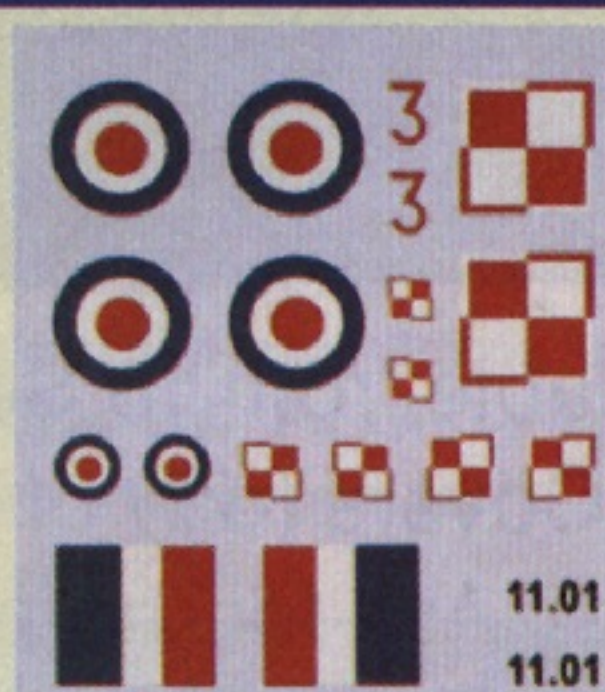
Scale 1:72

CHOROSZY Modelbud

Top quality resin - moulded limited run handmade by modelers for modelers. Transfer decals included.

Nieuport 17 C1

Scale: 1/72nd
Kit No: A74
Price: £TBA
Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Resin
Decal Options: 2
Manufacturer: Choroszy Modelbud
UK Importer: Check Aeroclub for price and availability





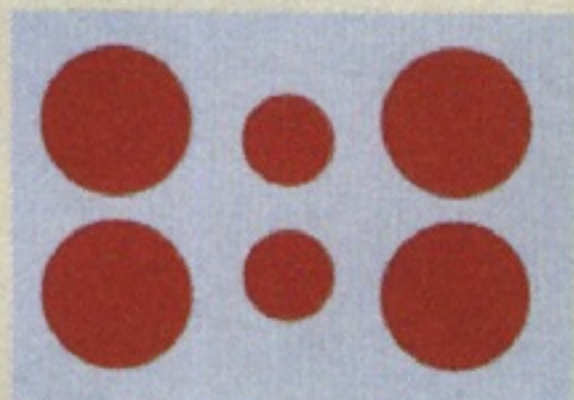
Cat. No B47 Scale 1:72



Top quality resin - moulded limited run handmade by modelers for modelers. Transfer decals included.

Aichi Experimental 3-seat Reconnaissance Seaplane

Scale: 1/72nd Kit No: B47
Price: £TBA Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Resin
Decal Options: 1
Manufacturer: Choroszy Modelbud
UK Importer: Check Aeroclub for price and availability



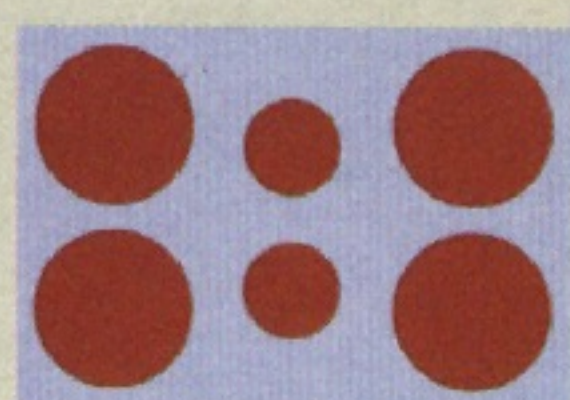
Cat. No B53 Scale 1:72



Top quality resin - moulded limited run handmade by modelers for modelers. Transfer decals included.

AB-4 Night Reconnaissance Flying Boat

Scale: 1/72nd Kit No: B53
Price: £TBA Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Resin
Decal Options: 1
Manufacturer: Choroszy Modelbud
UK Importer: Check Aeroclub for price and availability



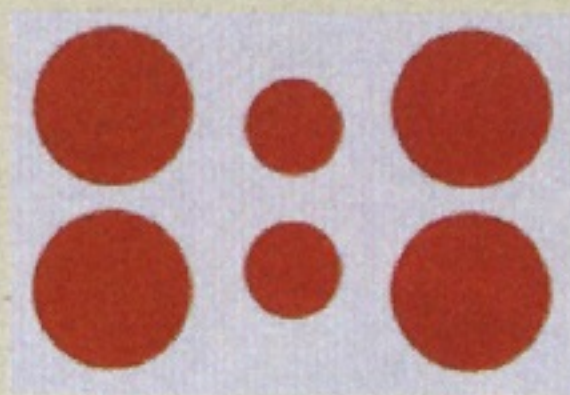
Cat. No B52 Scale 1:72



Top quality resin - moulded limited run handmade by modelers for modelers. Transfer decals included.

Ka-12 [2nd Version]

Scale: 1/72nd Kit No: B52
Price: £TBA Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Resin
Decal Options: 1
Manufacturer: Choroszy Modelbud
UK Importer: Check Aeroclub for price and availability



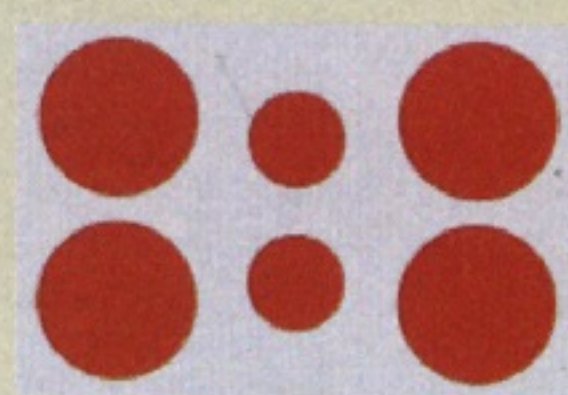
Cat. No B54 Scale 1:72



Top quality resin - moulded limited run handmade by modelers for modelers. Transfer decals included.

Ka-12 [1st Version]

Scale: 1/72nd Kit No: B54
Price: £TBA Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Resin
Decal Options: 1
Manufacturer: Choroszy Modelbud
UK Importer: Check Aeroclub for price and availability



Cat. No A80 Scale 1:72



Top quality resin - moulded limited run handmade by modelers for modelers. Transfer decals included.

Breda 64 Doppio Comando

Scale: 1/72nd Kit No: A80
Price: £TBA Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Resin & Vac-formed Clear Plastic
Decal Options: 1
Manufacturer: Choroszy Modelbud
UK Importer: Check Aeroclub for price and availability



Cat. No B49 Scale 1:72



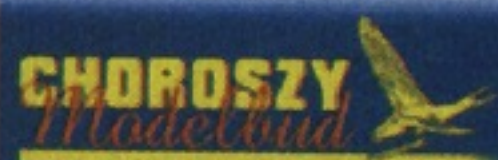
Top quality resin - moulded limited run handmade by modelers for modelers. Transfer decals included.

Lohner Flying Boat Type S-30

Scale: 1/72nd Kit No: B49
Price: £TBA Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Resin
Decal Options: 1
Manufacturer: Choroszy Modelbud
UK Importer: Check Aeroclub for price and availability



Cat. No B50 Scale 1:72



Top quality resin - moulded limited run handmade by modelers for modelers. Transfer decals included.

E3A1 Navy Type 90-I reconnaissance Seaplane

Scale: 1/72nd Kit No: B50
Price: £TBA Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Resin
Decal Options: 1
Manufacturer: Choroszy Modelbud
UK Importer: Check Aeroclub for price and availability



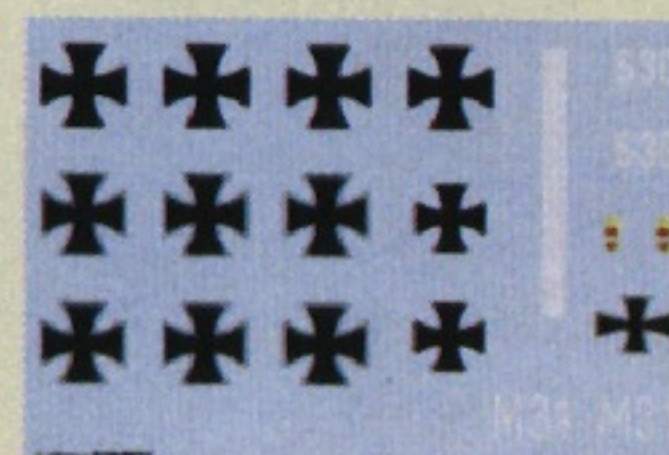
Cat. No B48 Scale 1:72



Top quality resin - moulded limited run handmade by modelers for modelers. Transfer decals included.

Lohner Flying Boat Type M-31

Scale: 1/72nd Kit No: B48
Price: £TBA Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Resin
Decal Options: 1
Manufacturer: Choroszy Modelbud
UK Importer: Check Aeroclub for price and availability



Cat. No A83 Scale 1:72



Top quality resin - moulded limited run handmade by modelers for modelers. Transfer decals included.

R.E.8

Scale: 1/72nd
Kit No: A83
Price: £TBA
Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Resin
Decal Options: 3
Manufacturer: Choroszy Modelbud
UK Importer: Check Aeroclub for price and availability



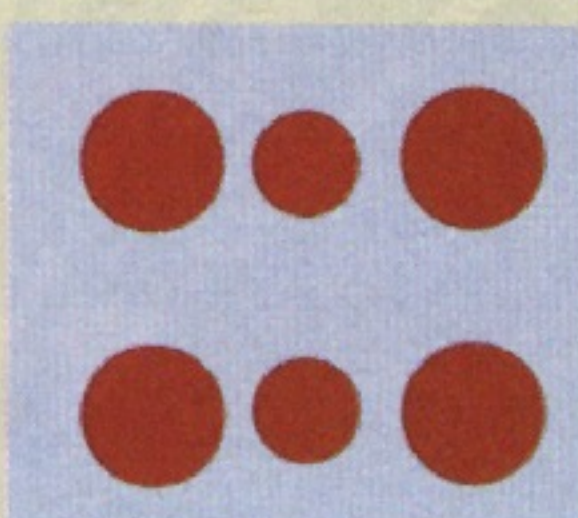
Cat. No A84 Scale 1:72



Top quality resin - moulded limited run handmade by modelers for modelers. Transfer decals included.

Mitsubishi IMF10

Scale: 1/72nd Kit No: A84
Price: £TBA Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Resin
Decal Options: 1
Manufacturer: Choroszy Modelbud
UK Importer: Check Aeroclub for price and availability



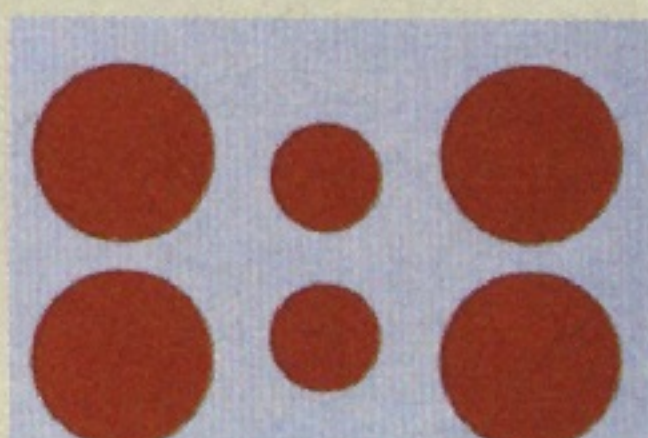
Cat. No C11 Scale 1:72



Top quality resin - moulded limited run handmade by modelers for modelers. Transfer decals included.

Navy Type 10 Reconnaissance Seaplane

Scale: 1/72nd
Kit No: C11
Price: £TBA
Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Resin
Decal Options: 1
Manufacturer: Choroszy Modelbud
UK Importer: Check Aeroclub for price and availability



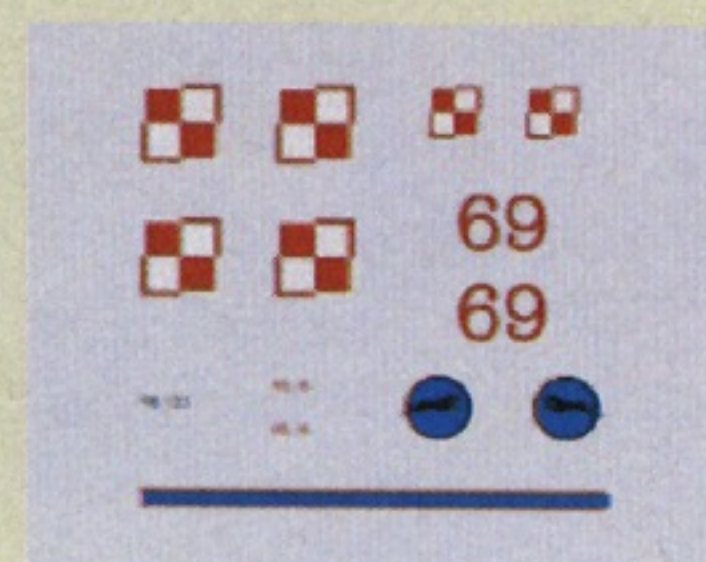
Cat. No. A82 Scale 1:72



Top quality resin - moulded limited run handmade by modelers for modelers. Transfer decals included.

PZL-45 Sokół

Scale: 1/72nd Kit No: A82
Price: £TBA Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Resin & Vac-formed Clear Plastic
Decal Options: 1
Manufacturer: Choroszy Modelbud
UK Importer: Check Aeroclub for price and availability



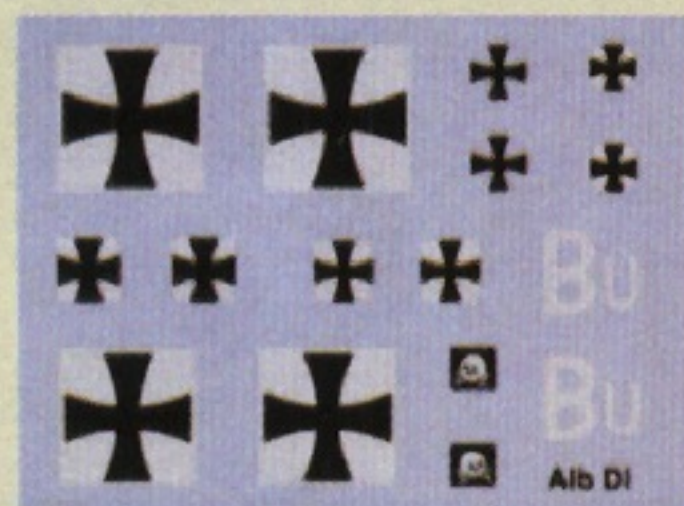


Albatros D.I
Cat. No. A57 Scale 1:72

CHOROSZY Modelbud
Top quality resin - moulded
limited run handmade by modellers
for modellers. Transfer decals included.

Albatros D.I

Scale: 1/72nd Kit No: A57
Price: £TBA Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Resin
Decal Options: 2
Manufacturer: Choroszy Modelbud
UK Importer: Check Aeroclub for price and availability

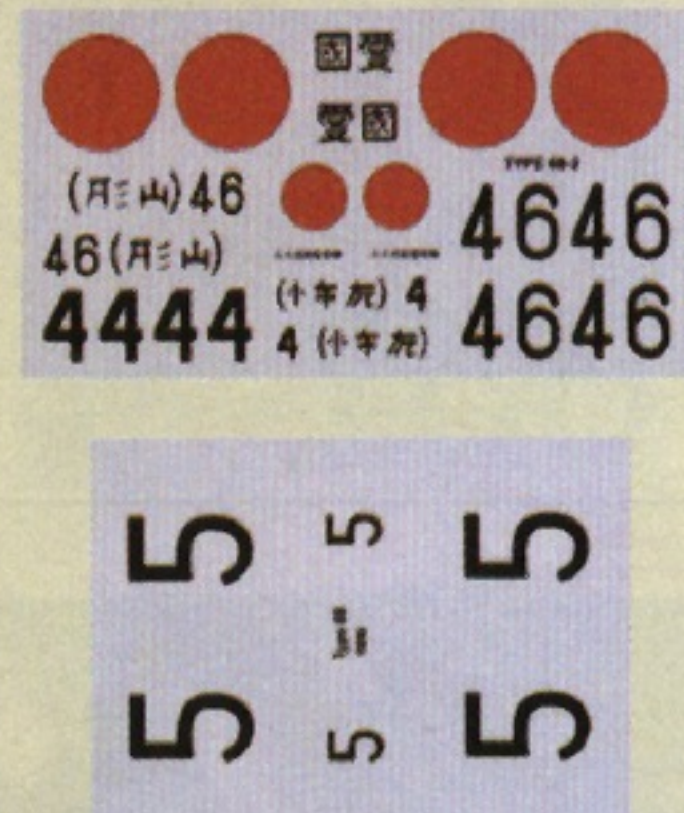




Army Type 96 Reconnaissance Aircraft
KDA-2
Cat. No. B45 Scale 1:72

CHOROSZY Modelbud
Top quality resin - moulded
limited run handmade by modellers
for modellers. Transfer decals included.

Tachikawa KDA-2

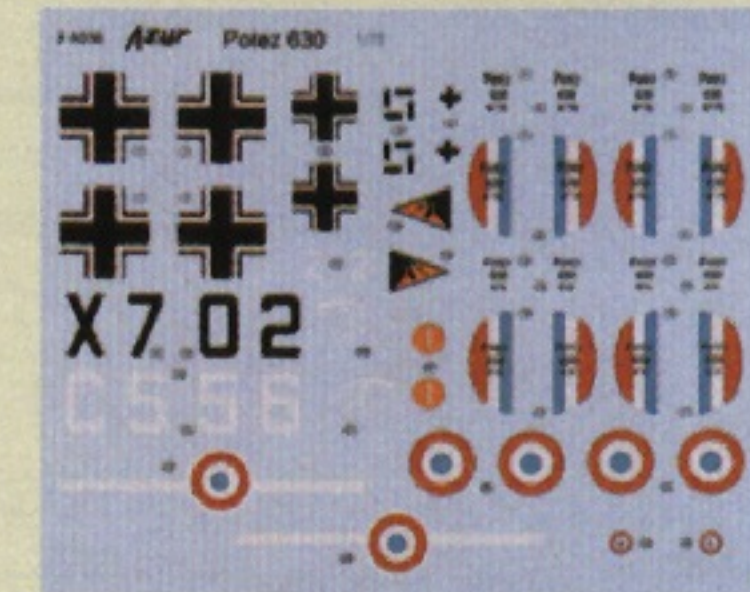
Scale: 1/72nd Kit No: B45
Price: £TBA Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Resin
Decal Options: 1
Manufacturer: Choroszy Modelbud
UK Importer: Check Aeroclub for price and availability

Azur
Potez 630 French Heavy Fighter
Scale 1:72

Potez 630

Scale: 1/72nd Kit No: A036
Price: £12.55 Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Limited-run Injection Moulded Plastic, Resin, Etched Brass & Vac-formed Clear Plastic
Decal Options: 3
Manufacturer: Azur
UK Importer: Hannants




hobby
Curtiss Hawk H-70M, N & O
Scale 1:72nd Kit No: SH 72051

Curtiss Hawk H-70M, N & O

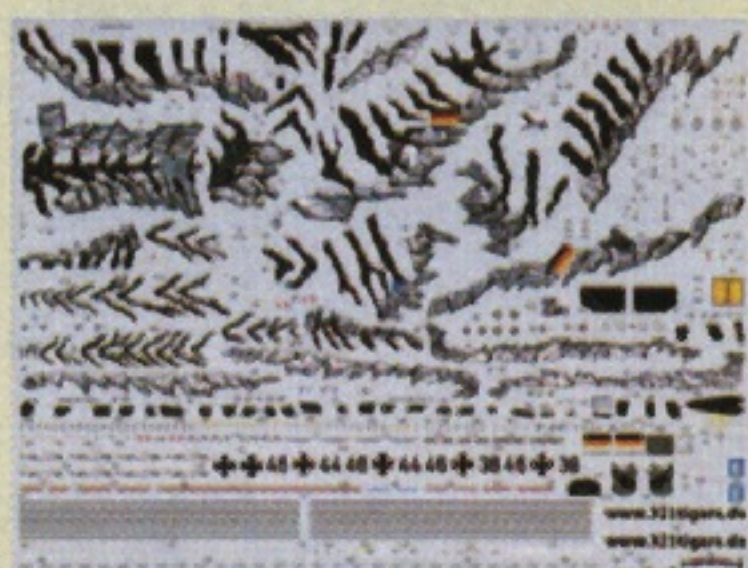
Scale: 1/72nd Kit No: SH 72051
Price: £9.75 Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Limited-run Injection Moulded Plastic, Resin, Etched Brass & Vac-formed Clear Plastic
Decal Options:
Manufacturer: Special Hobby
UK Importer: Hannants




Revell
TORNADO ECR
Tigermeet 2001/02
Scale 1:32 Kit No: 04718

Panavia Tornado ECR 'Tigermeet 2001/02'

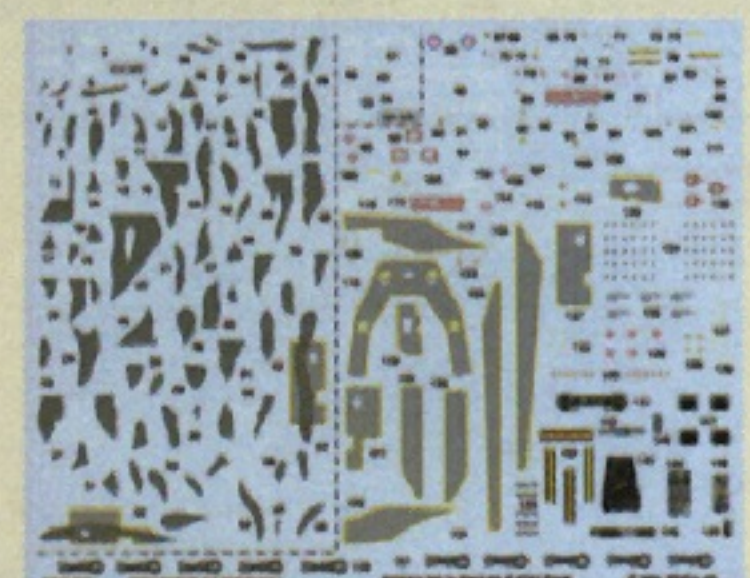
Scale: 1/32nd Kit No: 04718
Price: £34.99 Panel Lines: Recessed ✓
Status: Reissue (new decals) ✓
Type: Injection Moulded Plastic
Decal Options: 2
Manufacturer: Revell AG
UK Importer: Revell AG (UK Branch)




Revell
Agusta Westland EH 101 MERLIN HM.1
Scale 1:72 Kit No: 04410

Agusta-Westland EH 101 Merlin HM.1

Scale: 1/72nd Kit No: 04410
Price: £13.99
Origin: Italeri (Italy)
Status: Reissue ✓
Type: Injection Moulded Plastic
Decal Options: 2
Manufacturer: Revell AG
UK Importer: Revell AG (UK Branch)




Heller
AIRBUS A380
Scale 1:800th Kit No: 71221

Airbus A380

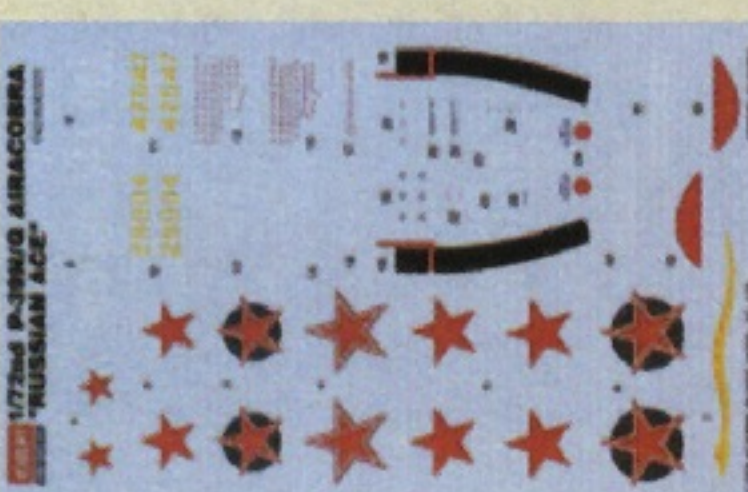
Scale: 1/800th Kit No: 71221
Price: £TBA Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Injection Moulded Plastic
Also Includes: 2x Tins of Paint, tube of Cement & Paint Brush
Decal Options: 1
Manufacturer: Heller
UK Importer: Humbrol Ltd
Note: This kit is also available w/o the paint etc (#79844)




ALCANTARA
P-39N/Q AIRACOBRA 'RUSSIAN ACE'
Scale 1:72nd Kit No: 2223

Bell P-39N/Q Airacobra 'Russian Ace'

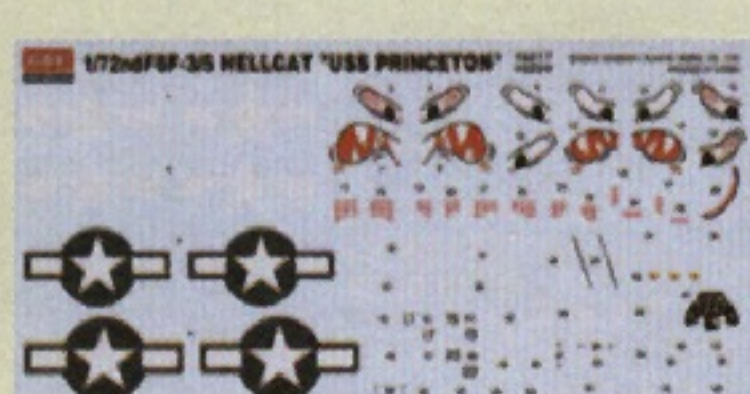
Scale: 1/72nd Kit No: 2223
Price: £4.99
Panel Lines: Recessed ✓
Status: Reissue ✓
Type: Injection Moulded Plastic
Decal Options: 3
Manufacturer: Academy Plastic Model Co., Ltd
UK Importer: Toyway




F6F-3/5 HELLCAT
U.S.S. PRINCETON
Scale 1:72nd Kit No: 2224

Grumman F6F-3/5 Hellcat

Scale: 1/72nd Kit No: 2224
Price: £4.99 Panel Lines: Recessed ✓
Status: Reissue ✓
Type: Injection Moulded Plastic
Decal Options: 6
Manufacturer: Academy Plastic Model Co., Ltd
UK Importer: Toyway




"RARE BEAR 1985"
BEARCAT UNLIMITED RACER
Scale 1:72nd Kit No: B47

Bearcat Racer 'Rare Bear' 1985

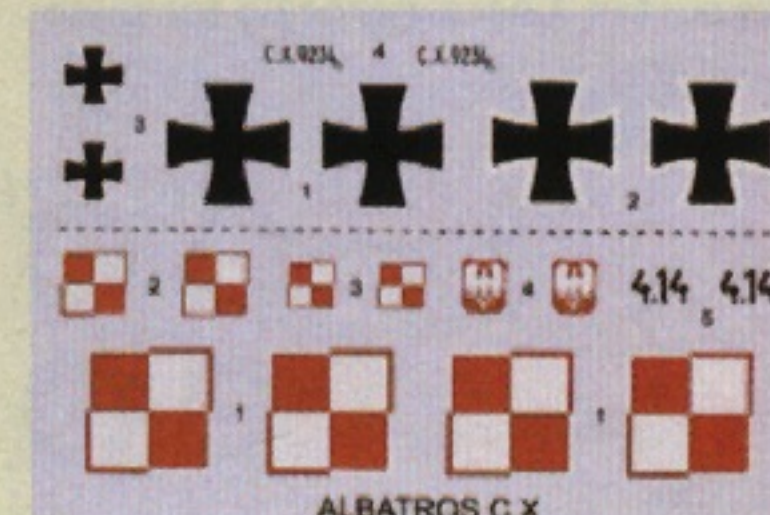
Scale: 1/72nd Kit No: B47
Price: £TBA Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Limited-run Injection Moulded Plastic, Resin, White-metal & Vac-formed Clear Plastic
Decal Options: 1
Manufacturer: High Planes Models
UK Importer: Hannants and MR & ME




Jadar-Model
ALBATROS C.X
German WWI aircraft
Resin model kit with 2 variant decal and photoetched brass elements

Albatros C.X

Scale: 1/72nd
Kit No: 72005
Price: £TBA
Panel Lines: Recessed ✓
Status: New Tooling ✓
Production: Limited
Type: Resin & Etched Brass
Decal Options: 2 (German & Polish)
Manufacturer: Airmo (Jadar-Model)
UK Importer: Check Aeroclub for price and availability



LIFECOLOR

ACRYLIC HOBBY COLORS

160 Federal Standard 595 B Acrylic Colours

INTERNATIONAL DISTRIBUTORS

MHD Maquettes Hobby Distribution

Mr. Olivier Fontaine
272, Avenue Barbusse
59770 MARLY (France)
Ph.: +33 0327 450024
Fax: +33 0327 456365
e-mail: ofontaine-mhd@scientific-mhd.com

C.B. Modelismo

Mr. Carlos Brazao
Rua Bouca das Escolas, 95
4445 ALFENA ERMESINDE (Portugal)
Ph.: +35 1 22 9689074/5
Fax: +35 1 22 9689076
e-mail: cbmodelismo@netcabo.pt

HT Model

Mr. Ing. Jozef Andel
Na Letisko, 49
05801 POPRAD (Slovakia)
Ph.: +42 1 92 7768408
Fax: +42 1 92 7768212
web site: www.htmmodel.sk
e-mail: htmmodel@nextra.sk

Hobby Gallery

Mr. George Papadimitriou
1 St. Gonata Str. 54621
THESSALONIKI (Greece)
Ph. & Fax: +30 31 286038

GP Hobby & Model

Mr. Grzegorz Gembala
UL. ZACZAROWANE KOLO 5A
30-087 KRAKOW (Poland)
Ph. & Fax: +48 12 6370667

e-mail: gphobby@gphobby.krakow.pl

Military Hobby Imports

Mr. Dave Scheel
62 Peter Street
L3P 2A6 MARKHAM, ONTARIO (Canada)
Ph.: +1 416 8053745
Fax: +1 905 4725835
e-mail: dscheel@vwwonline.com

Pacific Coast Models Inc.

Mr. Ken Lawrence
613 Martin Ave., Bldg. 106
94928 ROHNERT PARK - CA (U.S.A.)
Ph. & Fax: +1 707 538 8183
e-mail: info@pacmodels.com
klawr63125@aol.com

Formatex

Mr. Janos Borhi
Iskola U. 33-39
10011 Budapest (Hungary)
Ph. & Fax: +36 1 213 6675
+36 20 981 238
e-mail: formatex@mail.datanet.hu

All others Countries please apply to:



Astromodel sas

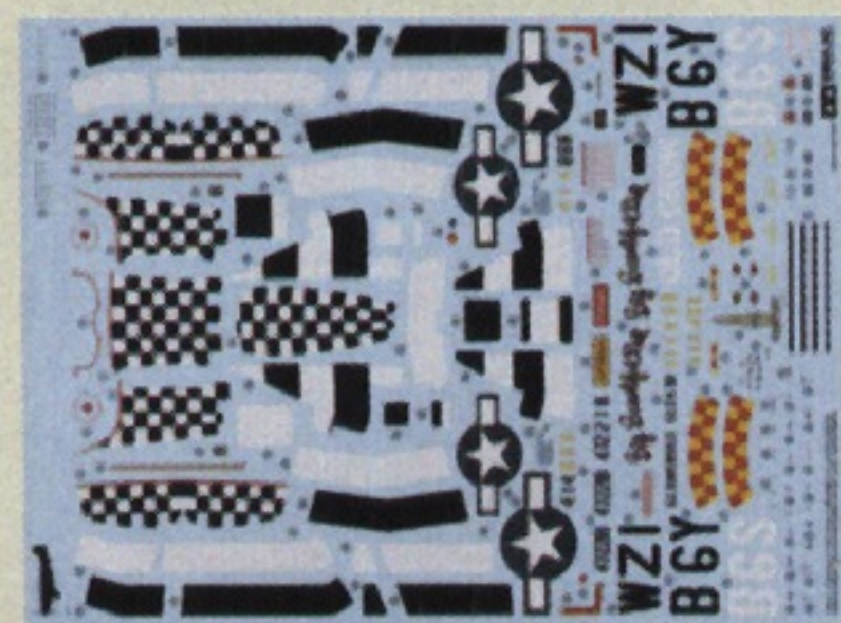
Via M. Lercari, Sez. M/5
16126 GENOVA - Italy
Ph. +39 010 24 64 555
Fax: +39 010 25 64 77
website: www.astromodel.it
e-mail: astromodel@astromodel.it





North American P-51D Mustang '8th AF Aces'

Scale: 1/48th Kit No: 61089
 Price: £21.99 Status: Updated Tooling ✓
 Type: Injection Moulded Plastic
 Decal Options: 4
 Manufacturer: Tamiya inc
 UK Importer: The Hobby Company Ltd



Tupolev Tu-22M 'Backfire C'

Scale: 1/72nd Kit No: 1238
 Origin: Esci (Italy) Price: £21.99
 Status: Reissue ✓
 Type: Injection Moulded Plastic
 Decal Options: 3 (2x Soviet & 1x Ukran)
 Manufacturer: Italeri S.p.A
 UK Importer: The Hobby Company Ltd



Czech Master Resin 1/72 Scale

No.133 Hawker Typhoon Prototype/Mk.1A

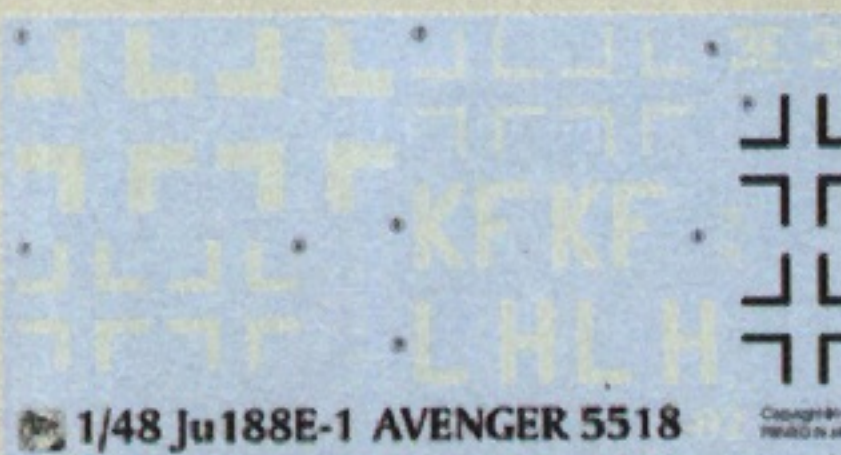
Hawker Typhoon Prototype/Mk 1a

Scale: 1/72nd Kit No: 133
 Price: £19.30 Panel Lines: Recessed ✓
 Status: New Tooling ✓
 Production: Limited
 Type: Resin & Vac-formed Clear Plastic
 Decal Options: 5
 Manufacturer: Czech Master Resin
 UK Importer: Hannants



Junkers Ju 188E-1 Avenger

Scale: 1/48th Kit No: 5518
 Price: £49.99 Status: Reissue ✓
 Type: Injection Moulded Plastic & Etched Steel
 Decal Options: 2
 Manufacturer: Italeri S.p.A
 UK Importer: The Hobby Company Ltd



Sikorsky S-39

Scale: 1/72nd Kit No: 128
 Price: £26.30 Panel Lines: Recessed ✓
 Status: New Tooling ✓
 Production: Limited
 Type: Resin & Vac-formed Clear Plastic
 Decal Options: 2
 Manufacturer: Czech Master Resin
 UK Importer: Hannants

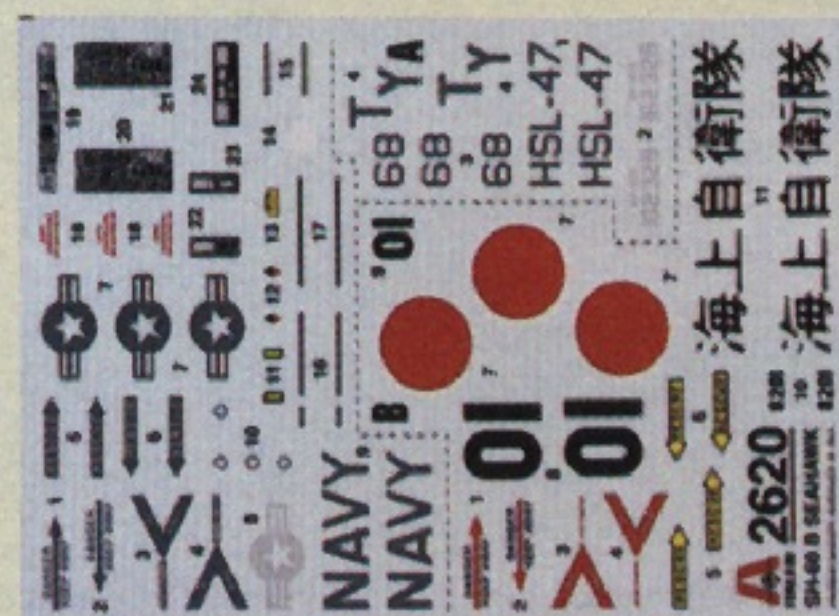


SH-60 B SEAHAWK



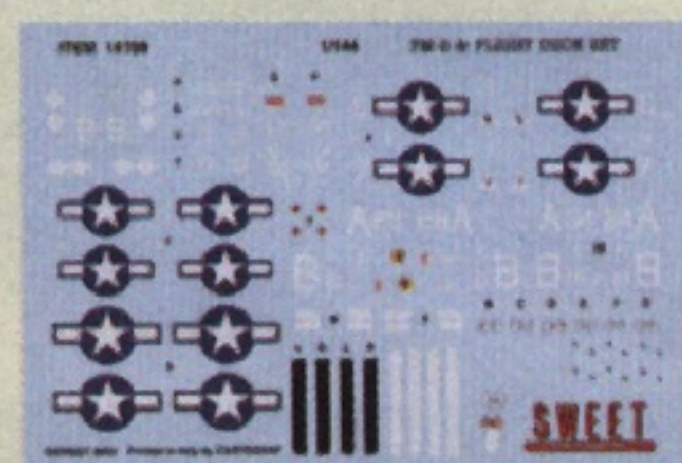
Sikorsky SH-60B Seahawk

Scale: 1/48th Kit No: 2620
 Price: £9.99
 Status: New Tooling ✓
 Type: Injection Moulded Plastic
 Decal Options: 2
 Manufacturer: Italeri S.p.A
 UK Importer: The Hobby Company Ltd



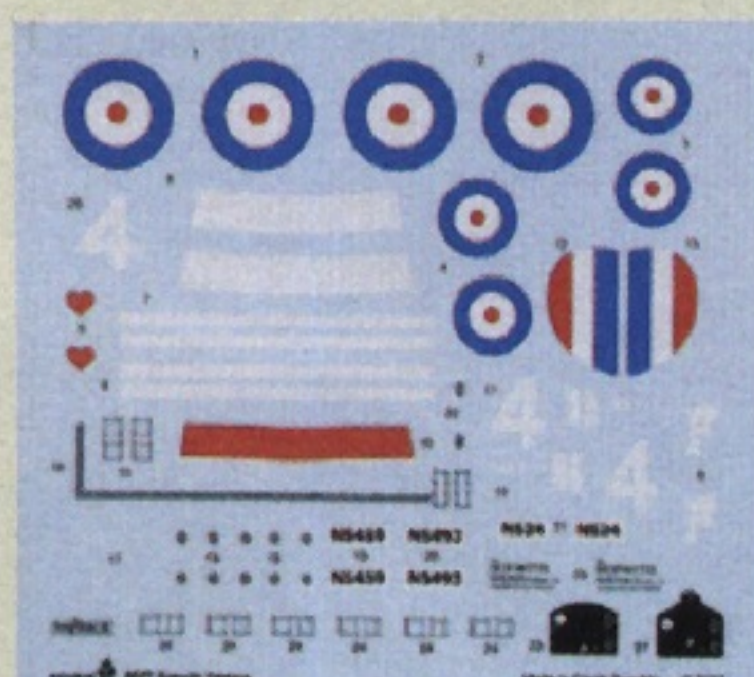
General Motors FM-2 & (Casablanca Class) Flight Deck

Scale: 1/144th Kit No: 14109
 Price: £TBA Panel Lines: Recessed ✓
 Status: Combined Tooling ✓
 Type: Injection Moulded Plastic
 Decal Options: 8
 Manufacturer: Sweet Aviation Model Div.
 UK Importer: Arba Products



Sopwith Triplane

Scale: 1/48th Kit No: 8077
 Price: £17.99 Panel Lines: Recessed ✓
 Status: Upgraded Tooling ✓
 Type: Injection Moulded Plastic, Resin & Etched Brass
 Decal Options: 4
 Manufacturer: Eduard M.A
 Obtain in UK via: Hannants & LSA Models



Grumman AF-2S Guardian Firefighter

Scale: 1/72nd Kit No: 72303
 Price: £14.35 Panel Lines: Recessed ✓
 Status: New Tooling ✓
 Production: Limited
 Type: Limited-Run Injection Moulded Plastic & Etched Brass
 Decal Options: 2
 Manufacturer: Ace
 Obtain in UK via: Hannants



Czech Master Resin 1/72 Scale

No.132 Westland Welkin Mk I

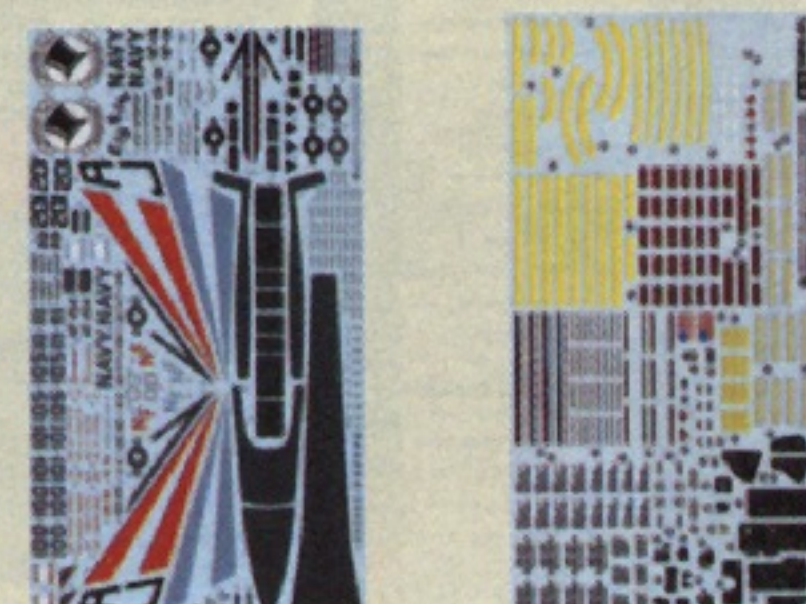
Westland Welkin Mk I

Scale: 1/72nd Kit No: 132
 Price: £26.30 Panel Lines: Recessed ✓
 Status: New Tooling ✓
 Production: Limited
 Type: Resin & Vac-formed Clear Plastic
 Decal Options: 2
 Manufacturer: Czech Master Resin
 UK Importer: Hannants



Grumman F-14A Tomcat 'Black Knights'

Scale: 1/32nd Kit No: 60313
 Price: £125.00 Status: Updated Tooling ✓
 Type: Injection Moulded Plastic
 Decal Options: 2 (VF-154 'Black knights' & VF-14 'Tophatters')
 Manufacturer: Tamiya inc
 UK Importer: The Hobby Company Ltd



camel forever

1/48

Sopwith F.1 Camel RFC



1/48

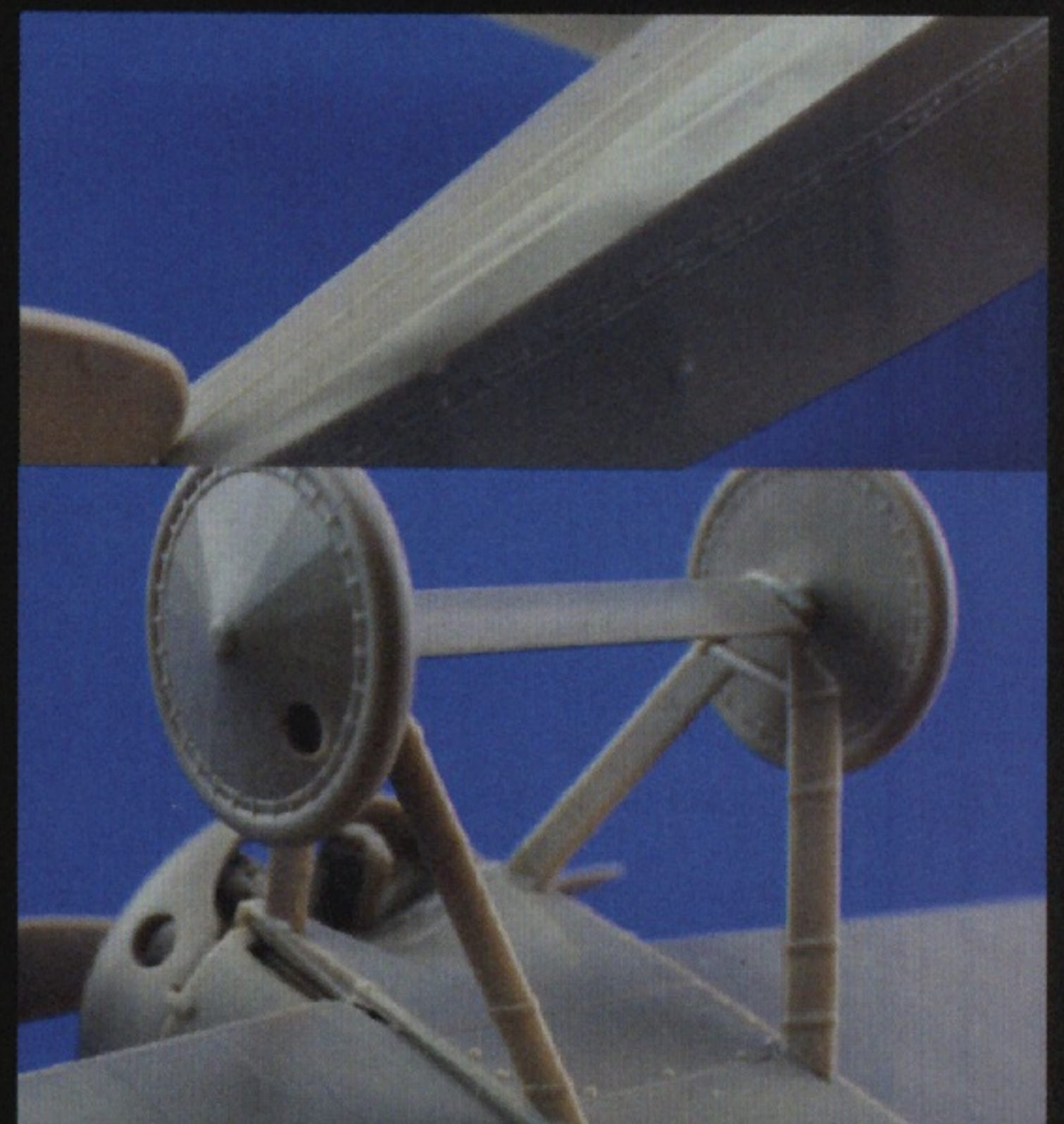
Sopwith F.1 Camel RNAS



ProfiPACK

1/48

Sopwith F.1 Camel



eduard

www.eduard.com

special preview

Getting the hump!

The kit

Surely this kit must rank as one of the most eagerly awaited kits of the last decade! Modellers have been waiting over five years from the initial announcement of this kit to its actual arrival, but at last it is here. Eduard have gone to a lot of trouble with this kit, and I suspect this is simply because with this subject 'good enough' simply would not be good enough!

The kit comprises four sprues of the now familiar coloured plastic. These sprues are also in the familiar style and layout we associate with Eduard's style of injection moulding and in our example there was not a single mis-formed component. There are two different styles of cowling and two different upper mainplanes (one with the large cut-out and the other with the smaller one) included in the kit. The correct use of these in relation to the colour options in the kit are clearly identified in the appropriate stage in the instructions. The engine is multi-part, although not resorting to any etched components in this version (the

'Profi-pack' version will probably have a new resin engine with etched detail parts in it). This engine is designed to mount on a shaft and rotate, if that is your sort of thing! There are also two upper decking inserts, but only one of them (#C7) is used for this particular kit. Sidewall and cockpit detail is quite good and pre-painted etched brass seat belts are included, as are 'wicker' decals for the seat! All of the control surfaces are separate with separate control horns included.

Colour options

This kit offers the following three colour options

•1. B7270 flown by Capt. Roy Brown, No.209 Squadron based at Bertangles, France in April 1918.

•2. B2455 flown by Lt. E.G. Forder of No.28 Squadron based in Italy in May 1918.

•3. F2137 flown by Capt. D.R. MacLaren of No.46 Squadron based at Athies, France in October 1918.

The accompanying decal sheet is, as always, beautifully printed and the roundels are split into sections to deal with the points at which they overlap the hinge

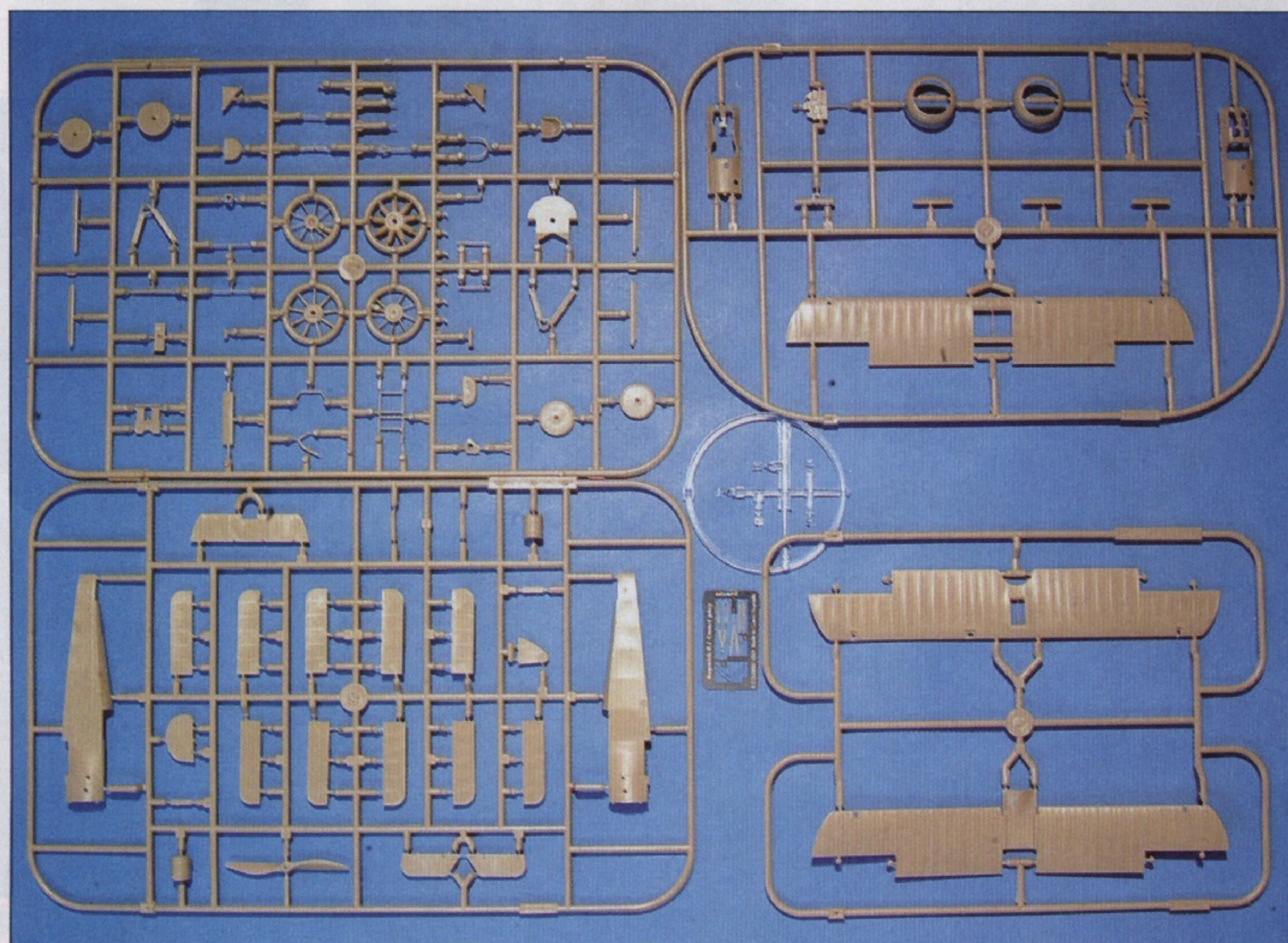
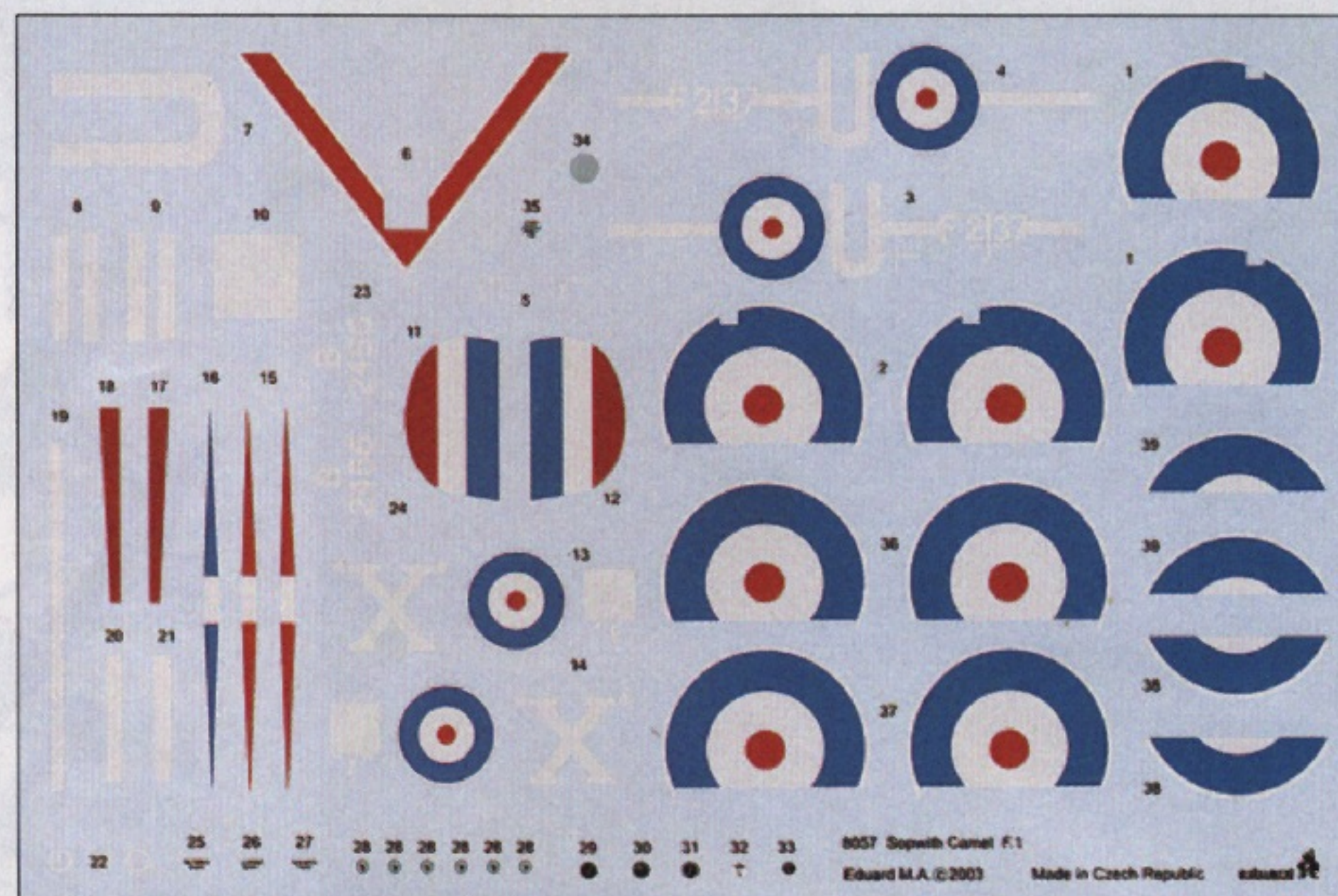
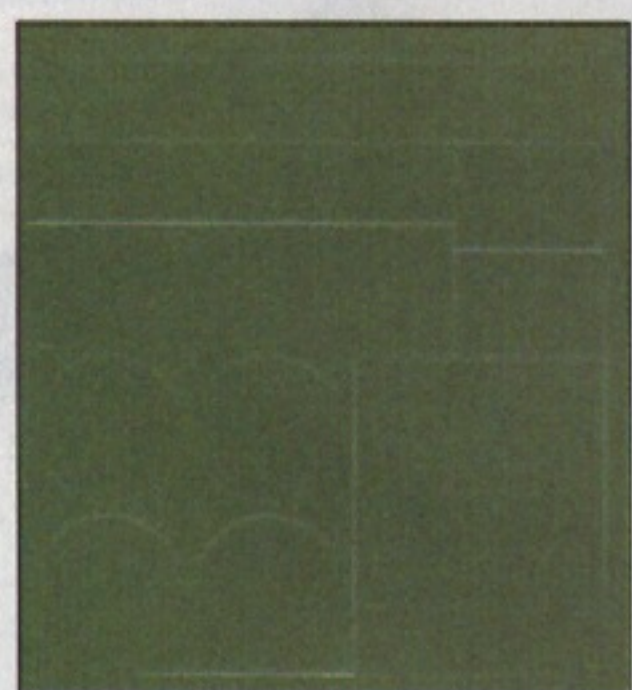
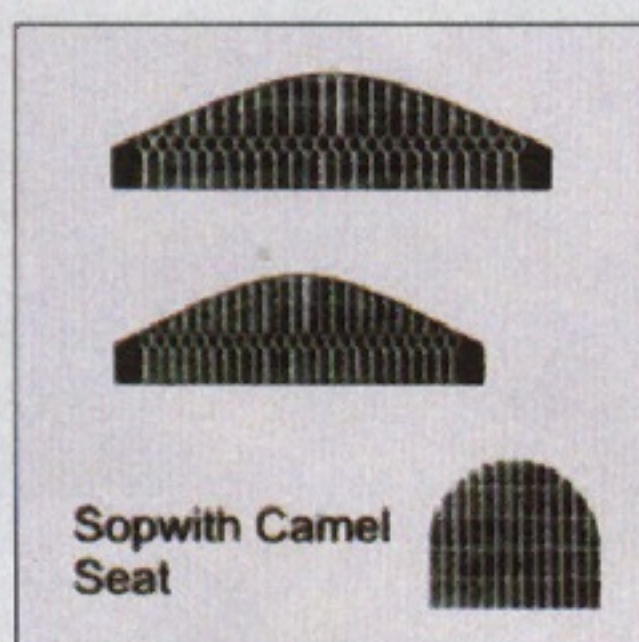
areas for the control surfaces.

On top of the decals there is also a set of self-adhesive painting masks for certain areas of the airframe. These include the wheels, the metal fittings on the wings, the demarcations on the fuselage, the 'metal' forward section of the fuselage and cowling and the foot steps in the fuselage sides. All of which are very useful in making the masking job easier.

Conclusion

Our initial inspection of this kit proves it to be the equal of anything

recently released by Eduard and it is also certainly a match for most mainstream kits. WWII in 1/48th is not a subject that the big names have wandered into that often and although the Camel has been done in a number of scales over the years it is surprisingly only the limited-run manufacturers who have dealt with the subject in the past 20 years. The subject and scale guarantee this one to be a success



and the quality that Eduard has achieved should make it a fairly 'user-friendly' kit to build. Time will tell on what the experts have to say about dimensions, accuracy and things like the fabric effect, but from what we see here this is a very good replica of the Camel. If the price is right here in the UK, then I think its popularity is assured, if not, who knows...

Our thanks to Eduard M.A. for the review sample. No confirmed price was available at time of going to press, so check with your preferred supplier for price and availability.

Sopwith F.1 Camel 'RFC'

| | |
|----------------|--|
| Scale: | 1/48th |
| Kit No: | 8057 |
| Price: | £17.99 |
| Panel Lines: | Recessed ✓ |
| Status: | New Tooling ✓ |
| Type: | Injection Moulded Plastic & Nickel-plated Etched Brass |
| Components: | Plastic 89, Clear 5, Etched 6 [Pre-painted] |
| Also includes: | Self-adhesive Painting Masks |
| Decal Options: | 3 |
| Manufacturer: | Eduard M.A. |

get your

F-8E CRUSADER

ready for action!

www.aizes.cz



4180 F-8E Crusader Detail set



Visit us on the web!

www.eaglesrikeproductions.com

Copyright 1995, 2001, 2002, 1 Czech Republic
Copyright 1995, 2001, 2002, 1 Czech Republic
přifax: +420 35 620 063 95
www.aizes.cz, info@aizes.cz

LSA Models

NEW MAIL ORDER HOTLINE Tel / Fax 01273 423523 • Web www.lsamodels.co.uk
Retail Shop: 151 Sackville Road, Hove, East Sussex BN3 3HD. Open Mon-Sat 9.00am to 5.30pm. 01273 705420
• Tel/Fax UK 0044 (0) 1273 705420 • Mobile 07973 551470 • Email sami@lsamodels.co.uk

Warehouse: Unit 4, Wellington House, Camden Street,
Portslade, East Sussex BN41 1DU
New opening times for Warehouse
Mon-Fri 9.00am to 5.30pm. Closed Sat



Books

Phone for details

| | |
|--------------------------|--------|
| Westland Whirlwind book | £7.50 |
| FP16 Douglas DC-2 book | £7.50 |
| FP013 Fairley Fulmar New | £7.50 |
| Mig-29 | £9.50 |
| Mig-25 | £9.50 |
| Mig-15 | £10.00 |
| Westland Wessex | £7.50 |
| Seahawk | £8.00 |
| Miles Magister | £6.50 |
| Westland Lysander book | £7.50 |
| Hawker Tempest book | £7.50 |

Aires

1/72 Aires Accessories

| | | |
|------|--------------------------------|--------|
| A119 | Ju-87D cockpit set | £9.00 |
| A120 | BR109 G-4 Detail set | £37.50 |
| A121 | F-14A Exhaust Nozzles | £10.99 |
| A122 | F-14A Exhaust nozzles open | £10.99 |
| A123 | F-4 Phantom II wheelbay | £9.00 |
| A124 | F-14A Tormentor Cockpit | £14.75 |
| A125 | F-15C Exhaust Nozzles | £10.99 |
| A126 | F-4E / F-4 Phantom II Cockpit | £14.75 |
| A127 | He-219 A7 Gun Bay | £8.50 |
| A128 | P-4A Exhaust Nozzles | £10.99 |
| A129 | Spitfire Mk IX Cockpit | £8.00 |
| A130 | Hunter FGA 8 Detail set | £18.25 |
| A131 | AN-64A Apache Cockpit | £14.75 |
| A132 | F-14A/D Tormentor Wheel Bay | £18.25 |
| A133 | F-14A/B Exhaust Nozzles | £14.75 |
| A134 | Ju-87D Gun Bay | £9.50 |
| A135 | P-47D Thunderbolt Cockpit | £10.99 |
| A136 | F-4E Phantom II arm set (Tami) | £10.99 |
| A137 | AN-64D Longbow Cockpit | £14.75 |
| A138 | JU-88A-4 Detail set | £24.95 |
| A139 | F-108 Cockpit set | £14.75 |
| A140 | Jumo 004B-1 Engine | £8.00 |

1/48 Aires Accessories

| | | |
|------|-------------------------------|-------|
| A411 | ACES II Ejection seats (F-16) | £5.50 |
| A412 | ACES II Ejection seats (F-15) | £5.50 |
| A413 | ACES II Ejection seats (F-15) | £5.50 |
| A414 | ACES II Ejection seats (F-15) | £5.50 |
| A415 | ACES II Ejection seats (F-15) | £5.50 |
| A416 | ACES II Ejection seats (F-15) | £5.50 |
| A417 | ACES II Ejection seats (F-15) | £5.50 |
| A418 | ACES II Ejection seats (F-15) | £5.50 |
| A419 | ACES II Ejection seats (F-15) | £5.50 |
| A420 | ACES II Ejection seats (F-15) | £5.50 |

1/32 Aires Accessories

| | | |
|------|-------------------------------|-------|
| A511 | ACES II Ejection seats (F-16) | £5.50 |
| A512 | ACES II Ejection seats (F-15) | £5.50 |
| A513 | ACES II Ejection seats (F-15) | £5.50 |
| A514 | ACES II Ejection seats (F-15) | £5.50 |
| A515 | ACES II Ejection seats (F-15) | £5.50 |
| A516 | ACES II Ejection seats (F-15) | £5.50 |
| A517 | ACES II Ejection seats (F-15) | £5.50 |
| A518 | ACES II Ejection seats (F-15) | £5.50 |
| A519 | ACES II Ejection seats (F-15) | £5.50 |
| A520 | ACES II Ejection seats (F-15) | £5.50 |

1/72 Aires Accessories

| | | |
|------|-------------------------------|-------|
| A611 | ACES II Ejection seats (F-16) | £5.50 |
| A612 | ACES II Ejection seats (F-15) | £5.50 |
| A613 | ACES II Ejection seats (F-15) | £5.50 |
| A614 | ACES II Ejection seats (F-15) | £5.50 |
| A615 | ACES II Ejection seats (F-15) | £5.50 |
| A616 | ACES II Ejection seats (F-15) | £5.50 |
| A617 | ACES II Ejection seats (F-15) | £5.50 |
| A618 | ACES II Ejection seats (F-15) | £5.50 |
| A619 | ACES II Ejection seats (F-15) | £5.50 |
| A620 | ACES II Ejection seats (F-15) | £5.50 |

1/48 Aires Accessories

| | | |
|------|-------------------------------|-------|
| A711 | ACES II Ejection seats (F-16) | £5.50 |
| A712 | ACES II Ejection seats (F-15) | £5.50 |
| A713 | ACES II Ejection seats (F-15) | £5.50 |
| A714 | ACES II Ejection seats (F-15) | £5.50 |
| A715 | ACES II Ejection seats (F-15) | £5.50 |
| A716 | ACES II Ejection seats (F-15) | £5.50 |
| A717 | ACES II Ejection seats (F-15) | £5.50 |
| A718 | ACES II Ejection seats (F-15) | £5.50 |
| A719 | ACES II Ejection seats (F-15) | £5.50 |
| A720 | ACES II Ejection seats (F-15) | £5.50 |

1/32 Aires Accessories

| | | |
|------|-------------------------------|-------|
| A811 | ACES II Ejection seats (F-16) | £5.50 |
| A812 | ACES II Ejection seats (F-15) | £5.50 |
| A813 | ACES II Ejection seats (F-15) | £5.50 |
| A814 | ACES II Ejection seats (F-15) | £5.50 |
| A815 | ACES II Ejection seats (F-15) | £5.50 |
| A816 | ACES II Ejection seats (F-15) | £5.50 |
| A817 | ACES II Ejection seats (F-15) | £5.50 |
| A818 | ACES II Ejection seats (F-15) | £5.50 |
| A819 | ACES II Ejection seats (F-15) | £5.50 |
| A820 | ACES II Ejection seats (F-15) | £5.50 |

1/72 Aires Accessories

| | | |
|------|-------------------------------|-------|
| A911 | ACES II Ejection seats (F-16) | £5.50 |
| A912 | ACES II Ejection seats (F-15) | £5.50 |
| A913 | ACES II Ejection seats (F-15) | £5.50 |
| A914 | ACES II Ejection seats (F-15) | £5.50 |
| A915 | ACES II Ejection seats (F-15) | £5.50 |
| A916 | ACES II Ejection seats (F-15) | £5.50 |
| A917 | ACES II Ejection seats (F-15) | £5.50 |
| A918 | ACES II Ejection seats (F-15) | £5.50 |
| A919 | ACES II Ejection seats (F-15) | £5.50 |
| A920 | ACES II Ejection seats (F-15) | £5.50 |

1/48 Aires Accessories

| | | |
|-------|-------------------------------|-------|
| A1011 | ACES II Ejection seats (F-16) | £5.50 |
| A1012 | ACES II Ejection seats (F-15) | £5.50 |
| A1013 | ACES II Ejection seats (F-15) | £5.50 |
| A1014 | ACES II Ejection seats (F-15) | £5.50 |
| A1015 | ACES II Ejection seats (F-15) | £5.50 |
| A1016 | ACES II Ejection seats (F-15) | £5.50 |
| A1017 | ACES II Ejection seats (F-15) | £5.50 |
| A1018 | ACES II Ejection seats (F-15) | £5.50 |
| A1019 | ACES II Ejection seats (F-15) | £5.50 |
| A1020 | ACES II Ejection seats (F-15) | £5.50 |

1/32 Aires Accessories

| | | |
|-------|-------------------------------|-------|
| A1111 | ACES II Ejection seats (F-16) | £5.50 |
| A1112 | ACES II Ejection seats (F-15) | £5.50 |
| A1113 | ACES II Ejection seats (F-15) | £5.50 |
| A1114 | ACES II Ejection seats (F-15) | £5.50 |
| A1115 | ACES II Ejection seats (F-15) | £5.50 |
| A1116 | ACES II Ejection seats (F-15) | £5.50 |
| A1117 | ACES II Ejection seats (F-15) | £5.50 |
| A1118 | ACES II Ejection seats (F-15) | £5.50 |
| A1119 | ACES II Ejection seats (F-15) | £5.50 |
| A1120 | ACES II Ejection seats (F-15) | £5.50 |

1/72 Aires Accessories

| | | |
|-------|-------------------------------|-------|
| A1211 | ACES II Ejection seats (F-16) | £5.50 |
| A1212 | ACES II Ejection seats (F-15) | £5.50 |
| A1213 | ACES II Ejection seats (F-15) | £5.50 |
| A1214 | ACES II Ejection seats (F-15) | £5.50 |
| A1215 | ACES II Ejection seats (F-15) | £5.50 |
| A1216 | ACES II Ejection seats (F-15) | £5.50 |
| A1217 | ACES II Ejection seats (F-15) | £5.50 |
| A1218 | ACES II Ejection seats (F-15) | £5.50 |
| A1219 | ACES II Ejection seats (F-15) | £5.50 |
| A1220 | ACES II Ejection seats (F-15) | £5.50 |

1/48 Aires Accessories

| | | |
|-------|-------------------------------|-------|
| A1311 | ACES II Ejection seats (F-16) | £5.50 |
| A1312 | ACES II Ejection seats (F-15) | £5.50 |
| A1313 | ACES II Ejection seats (F-15) | £5.50 |
| A1314 | ACES II Ejection seats (F-15) | £5.50 |
| A1315 | ACES II Ejection seats (F-15) | £5.50 |
| A1316 | ACES II Ejection seats (F-15) | £5.50 |
| A1317 | ACES II Ejection seats (F-15) | £5.50 |
| A1318 | ACES II Ejection seats (F-15) | £5.50 |
| A1319 | ACES II Ejection seats (F-15) | £5.50 |
| A1320 | ACES II Ejection seats (F-15) | £5.50 |

1/32 Aires Accessories

| | | |
|-------|-------------------------------|-------|
| A1411 | ACES II Ejection seats (F-16) | £5.50 |
| A1412 | ACES II Ejection seats (F-15) | £5.50 |
| A1413 | ACES II Ejection seats (F-15) | £5.50 |
| A1414 | ACES II Ejection seats (F-15) | £5.50 |
| A1415 | ACES II Ejection seats (F-15) | £5.50 |
| A1416 | ACES II Ejection seats (F-15) | £5.50 |
| A1417 | ACES II Ejection seats (F-15) | £5.50 |
| A1418 | ACES II Ejection seats (F-15) | £5.50 |
| A1419 | ACES II Ejection seats (F-15) | £5.50 |
| A1420 | ACES II Ejection seats (F-15) | £5.50 |

1/72 Aires Accessories

| | | |
|-------|-------------------------------|-------|
| A1511 | ACES II Ejection seats (F-16) | £5.50 |
| A1512 | ACES II Ejection seats (F-15) | £5.50 |
| A1513 | ACES II Ejection seats (F-15) | £5.50 |
| A1514 | ACES II Ejection seats (F-15) | £5.50 |
| A1515 | ACES II Ejection seats (F-15) | £5.50 |
| A1516 | ACES II Ejection seats (F-15) | £5.50 |
| A1517 | ACES II Ejection seats (F-15) | £5.50 |
| A1518 | ACES II Ejection seats (F-15) | £5.50 |
| A1519 | ACES II Ejection seats (F-15) | £5.50 |
| A1520 | ACES II Ejection seats (F-15) | £5.50 |

Eduard

1/48 Eduard

| | | |
|------|-----------|-------|
| E401 | FW 190 A5 | £2.10 |
| E402 | FW 190 F | £2.10 |
| E403 | FW 190 F | £2.10 |
| E404 | FW 190 F | £2.10 |
| E405 | FW 190 F | £2.10 |
| E406 | FW 190 F | £2.10 |
| E407 | FW 190 F | £2.10 |
| E408 | FW 190 F | £2.10 |
| E409 | FW 190 F | £2.10 |
| E410 | FW 190 F | £2.10 |

1/72 Eduard

| | | |
|------|-----------|-------|
| E701 | FW 190 A5 | £2.10 |
| E702 | FW 190 F | £2.10 |
| E703 | FW 190 F | £2.10 |
| E704 | FW 190 F | £2.10 |
| E705 | FW 190 F | £2.10 |
| E706 | FW 190 F | £2.10 |
| E707 | FW 190 F | £2.10 |
| E708 | FW 190 F | £2.10 |
| E709 | FW 190 F | £2.10 |
| E710 | FW 190 F | £2.10 |

1/48 Eduard

| | | |
|------|-----------|-------|
| E801 | FW 190 A5 | £2.10 |
| E802 | FW 190 F | £2.10 |
| E803 | FW 190 F | £2.10 |
| E804 | FW 190 F | £2.10 |
| E805 | FW 190 F | £2.10 |
| E806 | FW 190 F | £2.10 |
| E807 | FW 190 F | £2.10 |
| E808 | FW 190 F | £2.10 |
| E809 | FW 190 F | £2.10 |
| E810 | FW 190 F | £2.10 |

1/32 Eduard

| | | |
|------|-----------|-------|
| E901 | FW 190 A5 | £2.10 |
| E902 | FW 190 F | £2.10 |
| E903 | FW 190 F | £2.10 |
| E904 | FW 190 F | £2.10 |
| E905 | FW 190 F | £2.10 |
| E906 | FW 190 F | £2.10 |
| E907 | FW 190 F | £2.10 |
| E908 | FW 190 F | £2.10 |
| E909 | FW 190 F | £2.10 |
| E910 | FW 190 F | £2.10 |

1/48 Eduard

| | | |
|-------|-----------|-------|
| E1001 | FW 190 A5 | £2.10 |
| E1002 | FW 190 F | £2.10 |
| E1003 | FW 190 F | £2.10 |
| E1004 | FW 190 F | £2.10 |
| E1005 | FW 190 F | £2.10 |
| E1006 | FW 190 F | £2.10 |
| E1007 | FW 190 F | £2.10 |
| E1008 | FW 190 F | £2.10 |
| E1009 | FW 190 F | £2.10 |
| E1010 | FW 190 F | £2.10 |

1/32 Eduard

| | | |
|-------|-----------|-------|
| E1101 | FW 190 A5 | £2.10 |
| E1102 | FW 190 F | £2.10 |
| E1103 | FW 190 F | £2.10 |
| E1104 | FW 190 F | £2.10 |
| E1105 | FW 190 F | £2.10 |
| E1106 | FW 190 F | £2.10 |
| E1107 | FW 190 F | £2.10 |
| E1108 | FW 190 F | £2.10 |
| E1109 | FW 190 F | £2.10 |
| E1110 | FW 190 F | £2.10 |

1/48 Eduard

| | | |
|-------|-----------|-------|
| E1201 | FW 190 A5 | £2.10 |
| E1202 | FW 190 F | £2.10 |
| E1203 | FW 190 F | £2.10 |
| E1204 | FW 190 F | £2.10 |
| E1205 | FW 190 F | £2.10 |
| E1206 | FW 190 F | £2.10 |
| E1207 | FW 190 F | £2.10 |
| E1208 | FW 190 F | £2.10 |
| E1209 | FW 190 F | £2.10 |
| E1210 | FW 190 F | £2.10 |

1/32 Eduard

| | | |
|-------|-----------|-------|
| E1301 | FW 190 A5 | £2.10 |
| E1302 | FW 190 F | £2.10 |
| E1303 | FW 190 F | £2.10 |
| E1304 | FW 190 F | £2.10 |
| E1305 | FW 190 F | £2.10 |
| E1306 | FW 190 F | £2.10 |
| E1307 | FW 190 F | £2.10 |
| E1308 | FW 190 F | £2.10 |
| E1309 | FW 190 F | £2.10 |
| E1310 | FW 190 F | £2.10 |

1/48 Eduard

| | | |
|-------|-----------|-------|
| E1401 | FW 190 A5 | £2.10 |
| E1402 | FW 190 F | £2.10 |
| E1403 | FW 190 F | £2.10 |
| E1404 | FW 190 F | £2.10 |
| E1405 | FW 190 F | £2.10 |
| E1406 | FW 190 F | £2.10 |
| E1407 | FW 190 F | £2.10 |
| E1408 | FW 190 F | £2.10 |
| E1409 | FW 190 F | £2.10 |
| E1410 | FW 190 F | £2.10 |

1/32 Eduard

| | |
|------------------------------|----------------------|
| W4892 | F4U-1D Corsair |
| W4893 | P-51D Mustang |
| W4894 | A6M Zero Zep |
| W48922 | F-104C/J Starfighter |
| W48926 | P-47D Razorback |
| W48927 | F14A Sea Stear |
| W48929 | F-14A Tomcat |
| 1/32 scale Aircraft P | |
| W32072 | F-4E Phantom |
| W32073 | F-4E Phantom |
| W32074 | F-4E Phantom |
| W32077 | SeaBolt RF |
| W32078 | MB-159 Intruder |
| W32079 | F-4E MB Mk |
| W32080 | F-4E Phantom |
| W32085 | UH-1C Huey |
| W32086 | AH-1W S Cobra |
| W32088 | SeaBolt RF |
| W32089 | SeaBolt RF |
| W32090 | AH-1W SuperCobra |
| W32091 | AH-1 W/T Cobra |
| W32092 | UH-1C Intruder |
| W32093 | UH-1C Huey |
| W32096 | SeaBolt RF |

reviews



Ilyushin Il-2

Technical Data

| |
|---|
| Scale: 1/72nd |
| Kit No: 0889 |
| Price: £5.95 |
| Origin: Dako Plast (Poland) |
| Panel Lines: Recessed ✓ |
| Status: Reissue ✓ |
| Type: Injection Moulded Plastic & Etched Brass |
| Components: Plastic 76 (Grey), Etched 29, Clear 5 |
| Decal Options: 3 |
| Manufacturer: SMER |
| UK Importer: Pocketbond Ltd |



The Kit

This kit from Czech company SMER, comes in a standard end-opening box featuring some very good colour artwork of a ski equipped Il-2 coming in to land on a snowy airfield.

Inside the box we find a bag containing three sprues of light grey plastic, a clear sprue for the three piece canopy, and a very nice etched metal fret for details. The moulding of all the parts is excellent, with very good scribed detail and only a very tiny bit of flash on one or two parts. The kit also features the option of ski landing gear.

The etched fret contains parts for the instruments, seat harnesses and controls, and exterior details such as balance weights for the wings and extra trim flaps. You can see this is going to be a good kit before you even start it!

Instructions

The instructions come as a folded A4 sheet containing the usual brief history of the aircraft on the front and some technical data. Inside the assembly is shown in an exploded drawing, with very clear and easy to follow stages. Colour references are given for Humbrol throughout.

The rear pages give camouflage patterns and decal placement information, showing one dark and light green version and a green and brown version.

Construction

Construction begins with some smaller parts such as the prop and the forward air intake, which can then be set aside before starting on the cockpit. This is really a superb

area of detail featuring just about everything! The etched metal parts comprise of instrument panel, seat harnesses, rudder controls, control lines, handbrake and elevator trim wheel. The rest of the items such as seat, bulkheads and fuel tank are all superbly moulded in plastic. As you can see, there is a lot of detail in this little cockpit! All items were sprayed with Model Master Interior Green before details were picked out on the instrument panel and the seat harnesses painted tan.

The next section features the assembly of the ski landing gear and these are also incredibly detailed. I, however, decided to complete mine as a standard

show the interior.

The landing gear assembly can be sprayed Interior Green with the tyres in black, drybrushed with grey to bring out the tread pattern. Final items such as the balance weights and guns can be added, but it is best to leave off the landing gear and prop to make painting easier.

I decided to use the standard green and brown camouflage pattern with a blue underside as shown in the options. After an undercoat of Halfords Grey Primer, the underside was sprayed Sky Blue and then masked. The upper surfaces were sprayed brown and then the camouflage pattern masked with Blu-Tack sticky putty,

Decals

These decals are printed by Propagteam and are excellent! They have good colour density and registration and are very thin. They settle well under Johnsons Klear and show no silvering. Decal Rating = 10/10.

Accuracy

The model seems to be very slightly over size, scaling up to 48ft 1/2in span and 39ft length, assuming my references are correct. It does however look every inch an Ilyushin.

Conclusion/Recommendation

World War II has got to be my



aircraft. Moving on, the cockpit and forward air intake can be sandwiched between the fuselage halves, and this is where I found my only real problem. The air intake assembly seems too big to fit and needs a lot of carving and sanding to correct. This is a quick job, however, and once it is done everything else speeds along nicely.

Wings and tail surfaces can be added next, and the fit is very good, only needing a little smear of filler. Once this is completed, the wheel housings can be fitted under the wings, and the canopy masked and fitted in place. The sliding section of the canopy is unfortunately too thick to be placed in the open position over the rear armoured section, so you will have to have it closed or leave it loose as I have done so that it can be removed to

followed by the final dark green.

I have tried to add some wear and tear to this aircraft by using Aluminium paint to show wear to the wing root where the pilot would have entered the cockpit, and to the panel and wing edges where the harsh Russian weather would have taken its toll.

All that remains is to add the undercarriage, prop and radio wire, together with a coat of Johnsons Klear, and you are ready for the decals.

Colour Options

The colours offered in the instructions are for one aircraft in two shades of green and one in green and brown. The green and white option shown on the box art is not shown on the instructions for some strange reason.

favourite aviation period, and the Il-2 has long been my favourite aircraft. I thoroughly enjoyed building this kit, it is simply superb and I cannot say enough good things about it!

The etched metal details, great moulding and detailed ski options make this a winner all round. This is how all manufacturers should be marketing their kits. Despite the metal details this is a very simple kit to build, and the odd minor fit problem is well within the capabilities of most modellers to solve. Recommended to all. If you have never used etched metal details before, now is the time to learn!

My thanks to SMER for the chance to review this kit.

Wayne Harrie

Technical Data

Scale: 1/72nd
Kit No: 04633
Price: £12.99
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Injection Moulded Plastic
Parts: Plastic 118 (Grey), Clear 8
Decal Options: 2
Manufacturer: Revell AG
UK Importer: Revell AG (UK Branch)



The Kit

The kit comes in Revell's now standard end-opening box (When will they get the idea that some of us have to put the kits away during construction, and they simply will not go back into this type of box!). The sprues are all individually bagged as is the canopy and they are of the very highest quality. Fine recessed panel lines throughout, a full complement of under wing stores and a pilot figure. No flash is evident on any of the parts. This kit really is the business. No doubt, some of you will want to add aftermarket parts, but really only a set of harnesses are required on the seat... It would not be impossible to make just about any single-seat F-16 from the parts provided in the kit. You get A and C vertical stabilisers, Pratt and Whitney and General Electric engine nozzles, narrow and wide mouth intakes, small and large main wheels (although no bulged gear doors for the latter curiously), and more stores than you can shake a stick at. The

clear sprue is moulded in a funny yellow colour, instead of the familiar smoke tint of the F-16 canopy.

Instructions

Again, any of you who have built a Revell kit will be familiar with their instructions. In this kit, they consist of a small description of the type with technical data, a paint guide using Revell paint numbers and colour descriptions, a parts map showing many unneeded parts, forty-one clear construction sequences and two pages of decal placement diagrams that are a little vague in places. FS numbers are supplied for the main airframe colours.

Construction

As is usual construction starts in the cockpit, which is very well appointed for this scale. The ACES II seat is very well done indeed, and careful painting will pay dividends. The tub has to have the throttle quadrant and stick added and I would suggest fitting these after you have fitted the seat as I broke mine off trying to squeeze the seat in. In addition, you will have to fit the throttle quadrant in the opposite way round to what the instructions say otherwise the tub will not fit into the fuselage. The instrument panel has three decals to represent the electronic displays. These are a) too big and b) very bright blue, not exactly true to life I think. I used them anyway, but next time I will paint the displays in by hand to give a better appearance. I painted the cockpit as per the instructions and dry brushed all the lovely raised detail to give it a little more depth. The completed tub fits into the top half of the fuselage and

can then be left to dry while you get on with the rest of the kit.

Next up are the main and front undercarriage units and these are beautiful mouldings. Please note that the splitter vane in the intake mouth is shown in the instruction to be fitted from the front of the mouth with an angle running front to back. Wrong, the angle should run back to front and the part is fitted through a small triangular aperture in the top of the intake. It was only after 20 minutes of trying that I noticed this mistake! One last point on the intake. After completion the intake has some very prominent join lines and it will prove very difficult to sand them down. It is actually so bad that I manufactured a FOD guard to blank the intake off. (Not shown in the photos, as this is an out of the box review). To paint the wheel wells, I first sprayed them matt black, then lightly sprayed on matt white; this gives a very good shadow effect that really lends itself to 1/72nd scale. The three main fuselage parts can now be brought together and taped together to help the glue bond. To give the model a little more visual presence I dropped the horizontal stabilisers. This involved nothing more than gluing them in the desired position. Before I go any further, I must mention one thing. All the trailing edges are covered with a plethora of aerals/lightening conductors or something (technical I'm not!), I started off the kit with 15 of them. By the time it came to painting the kit I had 3 left. It may be worth just snipping them off before you start, and then replacing them at the end. The rest of the construction was uneventful with all the parts falling together.

Colour Options

You have a choice of a Block 50B of the 52nd FW, 22nd FW stationed in Spangdahlem, Germany, or a Block 52D of the 366th FW, 389th FS stationed at Mountain Home AFB. I chose the Block 52 aircraft from Mountain Home, as I am presently building a collection of planes from this air base. The painting was done using the Revell colours mentioned in the instructions and the kit was then given a coat of Humbrol Gloss Cote in preparation for the decals. When the decals were on and the matt coat applied I masked off certain panels and dry brushed them to give the effect of a well used aircraft in constant use as Mountain Home aircraft were used over Afghanistan last year; whether this particular machine took part I couldn't say, call it artistic licence.

Decals

These will keep you busy for a few nights. The sheer amount of stencils is mind boggling. There are some mistakes on the instruction sheet, and you should really be very careful and check twice as to placement. On the version I built I counted ten different cases where decal numbers were wrong. The picture of the completed model on the front of the instruction leaflet, and in advertising material, shows walkway stripes on the wings and upper fuselage, but these are not included on the decal sheet, so if you want these then you will have to use ones from your spares or from an after market sheet. Having said that, on the pictures that I have of Block 50 machines these aren't visible, so I left it 'as is'. In addition, the national insignia has been printed with a solid white



background, which looks absolutely awful. Again, in advertising material and on the instruction sheet, these are shown with the correct dark (clear?) background, so why are they so bad on the release issue? I actually used ones from my spares box. Next gripe. The under wing national insignia is the same shade of grey as the fuselage/upper wing insignia; it should be a darker colour so again spares were used on the model. Lastly, the red fin flashes are about 1mm too short, so you will need to paint this in after placement to make it look right. There were no adverse effects to the use of Set 'n Sol. The

decal placement diagrams are a little vague as to where to put some of the smaller stencils, so keep one eye on your references.

Decal Rating = 6/10 (Due mainly to the amount of errors on the sheet).

Accuracy

The F-16C has a span of 9.25m and a length of 15.03m and the model scales out spot on in span but 6mm too long in length. However if measured to the end of the nose and not the end of the pitot tube, the length is also spot-on. The completed model looks like an F-16, sits like an F-16 and has all the

menacing presence of an F-16. It really does look that good.

Armament: You get a full stack of under wing stores consisting of AGM-88 HARM, AGM-65D/G Maverick, AIM-120 AMRAAM, and AIM-9M Sidewinder plus under wing and belly tanks. I spent quite some time painting on extra detail on the stores as I feel that it really brings them to life. If you fit the belly tank, you will have to fit it further back on the pylon or it will foul on the nose gear door.

Conclusion/Recommendation

A fantastic kit can be built with

what you have in the box, as this kit is a blinder, truly the best of the bunch. Buy in multiples not just one. The stencils will drive you half-potty, and you'll really need to take your time. It is a great kit, just follow the instructions carefully. Younger modellers may find the sheer amount of parts/decals off-putting, but I would not say that it is beyond them so I recommend it to all most heartily.

My thanks to Revell (UK Branch) for the review sample.

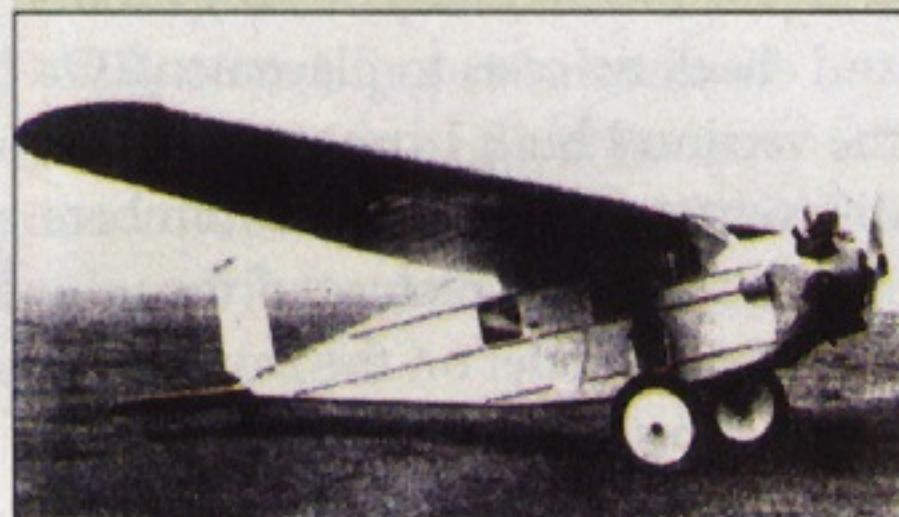
Mark Chadbourne

DUJIN

Messerschmitt BFW M.18c

Technical Data

Scale: 1/72nd
Kit No: DA72171
Price: £TBA
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Resin & Vac-formed Clear Plastic
Components: Resin 27, Clear 2
Also Includes: Lengths of Brass Wire
Decal Options: None
Manufacturer: Dujin
Obtain in UK via: Hannants



The Kit

The kit comes in a polythene bag fronted by an A5 title sheet, showing a black and white photograph of the type. Inside, another plastic bag contains the resin parts. The main parts are two fuselage halves, tailplane, fin and rudder unit and single-piece wing. A backing sheet contains undercarriage components, pitot head, exhaust ring, exhaust pipe and two alternative engines. A second sheet contains a propeller and duplicate pair of engines. A third sheet contains four passenger seats, two crew seats, control panel and cabin bulkhead. Loose inside the bag was an engine cowl and two alternative propellers, one of which was only partially moulded and of no use. There are two clear vac-formed cockpit windscreen units. There are also two lengths of brass strip, of different thickness, and a length of brass wire.

The engraved detail on wing and tailplane is so fine as to be almost invisible, even before painting.

Instructions

As usual with Dujin kits, there are no instructions as such. An A4 information sheet has useful 1/72nd scale drawings on one side. On the reverse, a very brief type history, in French, doesn't get much further than telling us that the 18c was a variant of the 18b. Admittedly, there are six

references given, but only two of these are in English.

Construction

In the review sample, the cockpit and cabin were partly filled with resin overflow, which had to be carved out before work on this area could begin. The information sheet contains a section through the cabin area, but since this shows an aircraft with three cabin windows rather than two, it is difficult to relate it to the model. I assume that the passenger seats are not for this version and used the control panel with one pilot seat and the bulkhead just behind it. There is no glazing provided for the cabin

painting. The exhaust pipe running back from the ring, under the fuselage, was so full of air bubbles that it just disintegrated. I replaced it with a piece of plastic tube.

The wing and tailplane were fitted next. The transparent cockpit windscreen was very difficult to fit. Although the windscreen itself is quite well defined, there is no indication of the shape, which wraps round to form the side windows, or of the profile necessary for it to fit under the wing. I cut out the well defined front section, leaving enough material to trim the sides to shape on the model. On the starboard side this worked reasonably well, but on the port side it was such a



mess that I cut the side window off. I now kid myself that I deliberately modelled the pilot's window open!

The undercarriage components are not well moulded and needed some filling and a lot of cleaning up before fitting.

windows. I cut mine from clear PVC sheet (which is not clouded by superglue). After painting the interior, the fuselage halves were joined. They are not a good fit, and give a concave join line. Due to the fuselage surface detail, it is very difficult to fill and sand this joint.

There are two types of engine provided: a plain seven-cylinder radial and something very similar but with a front-mounted sump. There is no indication of which is correct, so I used the plain one because it fitted best under the engine cowl. The exhaust ring is poorly moulded and does not fit well. I aligned it as best I could then bridged the remaining gaps with Humbrol Clearfix, before

Accuracy

The model is slightly undersize compared to the 1/72nd scale drawing provided.

Colour Options and Decals

The instructions describe the colour scheme for both aircraft illustrated in the black and white photographs, as overall silver. Although the quality of the photographs is poor, it appears that

this means the overall application of aluminium paint or dope, rather than bare metal (the M18 was of metal construction.). I used a 50/50 mix of Humbrol Metal Cote Polished Aluminium (27002) and Humbrol Matt White (34) The undercarriage and propeller appear a darker shade - this was a 50/50 mix of Metal Cote Steel (27003) and Polished Aluminium. The engine was painted Metal Cote Gunmetal (27004) and drybrushed silver.

Of the machines illustrated, one appears to carry no markings at all, which provides one solution to the problem that Dujin do not provide decals. This makes for rather a boring model, so I chose to portray the other, Swiss machine. The red background and white crosses were cut from Fantasy Printshop solid colour decal sheet; Insignia Red and White. The black serial numbers on the fuselage sides are 16-inch letters from Modeldecalsheet No.35.

Conclusion/Recommendation

Up until now, I have been very pleased with all of the Dujin kits that I have built, but this one is at best of rather indifferent quality. There are many interesting and superior quality resins emerging from further east in Europe and I think Dujin need to look to their laurels.

I have completed my model without being certain that I have used the correct engine alternative and without having the faintest idea what the brass strip or wire are supposed to be for. Sometimes I think that Dujin take the 'laissez-faire' approach to instructions and information too far.

Despite all that, patience and the application of modelling skills will yield a good model. If you are a Messerschmitt collector or Swiss aviation enthusiast, I suspect you will be waiting a long time for another M18c, so, by all means get yourself one.

My thanks to Dujin for the review sample.

Neil Pinchbeck



G.D. F-111A Aardvark

Technical Data

Scale: 1/72nd

Kit No: 1232

Price: £9.99

Panel Lines: Recessed ✓

Status: Reissue ✓

Type: Injection Moulded Plastic

Components: Plastic 76 (Grey), Clear 3

Decal Options: 3

Manufacturer: Italeri SpA.

UK Importer: The Hobby Company Ltd



The Kit

In the box you get three grey sprues with the main components and one clear sprue, separately bagged with a very fine and delicate canopy with separate entry hatches and a small decal sheet on which you will also find decals to represent the ejection seat harnesses, a nice touch I thought. The main parts are nicely done with fine recessed detail. On all of the smaller parts however there is a bit of flash and mould separation marks that will need to be sorted out before you start.

Instructions

These consist of nine construction diagrams, a parts map and painting and decalling diagrams.

Construction

The cockpit builds up quickly without any fuss. I like the seat harness decals that are supplied, but most will probably want to replace them with etched items. This is then followed by the nose wheel bay that is nicely detailed and quite adequate for this scale. Both of these assemblies are then positioned in the separate forward fuselage halves and this first sub-assembly is glued together and set aside to dry. One point to note is that you will need to add 20g of weight into the nose to keep the completed model's feet on the ground.

The next step was to assemble the wings and rear fuselage. The kit features movable 'swing wings' that are secured by pegs. After testing this

option I decided that it would be better to glue the wings in the desired position as they tended to droop on the pegs, and gave the model a very peculiar stance.

The kit really built up at a fast pace and you will soon be ready for some paint. For this I used the stated colours of Dark Tan, Dark Green and Medium Green, over Matt Black, using a mixture of Humbrol and Revell enamels.

Colour Options

Three options are offered. A 474th TFW machine based in Takhli, Thailand in 1972, a 4481st machine, again from Takhli but circa 1968, and finally one from the 474th TFW based at Nellis in 1978. Now this is the one I wanted to do but the instruction sheet is incomplete and does not show the placement for this option's decals. Instead it tells the builder to use the decals from the 1st colour option, very strange?

Decals

These are of good quality but very basic, with a matt finish and only minimal stencil data on the sheet. They settled down well on a gloss surface and after a coat of matt varnish they looked almost painted on. It is only a pity that the instructions didn't give the correct information for the Nellis 474th version.

Decal Rating = 8/10.

Accuracy

In span the full sized F-111 measures out to 19m and the kit measures in at 18.72m and in length it should be 22m but the kit measures up at 23.4. However I cannot determine whether the length measurements include the pitot tube. (My measurements were taken from the tip of the pitot to the tip of the tail). The difference in span could be due to my positioning of the wings.

Conclusion/Recommendation

This could be made into a very good kit with a minimum of work. I have actually bought another so I can add some detail to it. It's quick and easy to build. The younger modellers reading this will have no real problems building it, and the older ones will find enough in it to make a very nice addition to their collections. Recommended to all.

Thanks to The Hobby Company Ltd for their review sample.

Mark D. Chadbourne



LATEST RELEASES

All these latest releases from Revell display the superb quality and levels of detail which you have come to expect from the world's leading modelling company.



Blohm & Voss BV 222

NOW AVAILABLE



EH. 101 Merlin Mk. 3 RAF

NOW AVAILABLE



Avro Lancaster 'Dam Buster'

NOW AVAILABLE

Blohm & Voss BV 222

04383

1:72 Scale/Span 63.9cm/Length 51.4cm

Developed by Lufthansa, the BV 222 went into service with the Luftwaffe in 1941 as a transport and reconnaissance aircraft. Powered by 6, 746 kW engines this flying boat was able to reach speeds of 390 Km/h.

EH. 101 Merlin Mk. 3 RAF

04468

1:72 Scale/Span 25.8cm/Length 27.0cm

Capable of 308 Km/h, the Merlin went into service with the RAF in 1994 as a replacement for the Sea King fulfilling a transport and anti-submarine role.

Avro Lancaster 'Dam Buster'

04630

1:72 Scale/Span 30.6cm/Length 43.0cm

With a top speed of 426 Km/h this variant of the Lancaster was used to attack German dams with its famous 'bouncing bomb'.

2003 CATALOGUE AVAILABLE SOON FROM YOUR LOCAL STOCKIST

Available from

MODELZONE™

and all good model stockists.

Revell – doing more for the modeller

Visit our new multi-language web site at www.revell.de

Revell AG

10-12 Queensway, Hemel Hempstead, Herts HP1 1LR.

Tel: 01442 250130. Fax: 01442 245619. Email: ukbranch@revell.de

©Revell is the registered trademark of Revell-Monogram I.L.C.



Aviatik C.III

Technical Data

| | |
|-------------------|---|
| Scale: | 1/72nd |
| Kit No: | 72-031 |
| Price: | £TBA |
| Panel Lines: | Recessed ✓ |
| Status: | New Tooling ✓ |
| Production: | Limited |
| Type: | Resin & Etched Brass |
| Components: | Resin 43, Etched 22 |
| Decal Options: | 2 (Polish & German AF) |
| Manufacturer: | Ardpol |
| Obtain in UK via: | Contact Aeroclub for price and availability |



The Kit

This resin kit by Ardpol of Poland comes in their usual superbly produced box featuring hard corrugated sides and a colour printed lift-off lid. Inside you will find two re-sealable bags containing clean cream-coloured resin parts, very finely detailed with no hint of an air bubble anywhere. Of particular note is the wonderful one-piece engine casting. The bags also contain a nicely detailed etched metal fret containing replacement seat, seat harnesses and perforated cooling jacket for the observer's gun. The fuselage has tiny casting blocks to remove, while the wings have none at all (a word of caution here, what looks like casting blocks on the upper wing joint in the middle are in fact spacing blocks. There should be a slight gap between the two halves!). As usual for Ardpol, all smaller parts snap or cut cleanly away from their carriers.

Instructions

The instructions come in the form of an A5 folded booklet with eight sides. There are the usual exploded diagrams of assembly and a nice three-view technical drawing in the centre pages. The colours are given in the form of black and white shaded boxes, with the colour written beside. This can be hard to interpret as some of the shades on the drawing look very similar and you are left wondering if you have used the correct colour. More on this later. The colours given are for one German and one Polish aircraft.

Construction

The first thing to do before you start, is to give all the parts a wash in warm soapy water. This will remove any oil or mould release agent and help with paint adhesion. It is also useful to give the etched fret a very light rub with fine grade sandpaper to help prepare the surface for priming.

The assembly starts with the cockpit and rear observer/gunner station where you have the choice of resin or metal seat. The sidewalls have nice detail and the whole interior was painted in natural wood with a drybrushing of white to highlight the detail. Rather annoyingly though, the control column seemed to be missing from my sample.

Next is that super little engine, which benefits from careful painting in gunmetal and washing in ink before you then go and cover most of the darn thing up when closing the fuselage sides! Once you have got over the shock of your work vanishing, you can add the lower wings (which have precise locating pins), and the tail control surfaces with their respective support struts. I added the undercarriage next and this is a simple affair with only an axle rod and two side supports. These do need careful positioning though to get the correct angle. I also replaced the axle rod with brass wire as I felt the resin one would not be strong enough.

Now it was on to the upper wing supports and I decided to make adding the bracing wires easier(?) by drilling small holes in them at the extremes to thread the wires through after painting.

A stiff drink, one broken drill bit and several profanities later, I had a set of drilled and prepared supports which were rapidly fixed in place. The upper wings can now be glued together and set aside for separate painting. All that remains is to assemble the rear gun. The cooling jacket is a flat metal piece that must be rolled into a tube by rolling it round a suitably sized rod or wire. The parts can then be assembled and the whole thing painted black with



silver drybrushing.

The cockpits were masked with damp tissue paper and what remained of the engine was masked with Blu-Tack sticky putty before the aircraft was thoroughly primed with Halfords grey primer. The upper decking was sprayed with a dark cream (actually more of a sand) colour with the fuselage and wings a lighter cream. The colour of the nose section was where things got more confusing. I wanted to build a Polish aircraft, but could not decide whether the shading on the illustration represented dark green or dark grey as the shaded boxes on the colour chart look very similar. I decided to risk going for grey as I have seen illustrations of Polish craft with grey noses (I just hope I haven't made a nasty mistake!).

Finally, once all the paint had dried, those bracing wires were added using nylon thread and the upper wing was secured in place!

Colour Options

There are two colour options for this kit. One is for a two-tone light/dark cream machine of the German Air Force, and one is for a light/dark cream machine with a dark grey (or

is it dark green?) nose of the Polish Air Force.

Decals

The decals are excellent in this kit, as you would expect from Ardpol. They consist of a set of German crosses and codes, and a set of Polish chequer national markings and codes. All are in register and conform perfectly under a coat of Johnsons Klear.

Decal Rating = 10/10.

Accuracy

The kit seems to come out slightly too long on span and a little short on length, but I am not a hundred per cent sure of my calculations.

Conclusion/Recommendation

Well, Ardpol have turned out yet another great little kit. The detail is great, and it is easy to assemble. I am still finding some omissions in the instructions, but for the most part they are getting better. A very enjoyable experience. Recommended to more experienced modellers.

My thanks to Ardpol for the review sample.

Wayne Harrie



No. 1 for modelling



Daylight bulbs are the ultimate in lighting technology for those with a passion for modelling. They help to create relaxing conditions for your eyes, which is essential if you are working with intricate detail and small, delicate parts. In addition, our bulbs provides perfect colour matching - an invaluable aid for distinguishing and matching different materials, i.e. paints. Our lamps combine this fantastic 'Daylight' light source, with high quality magnifying lenses, creating the essential tool.

We genuinely believe that our products are better designed, incorporate more features and provide greater satisfaction that any other products available. Our customer feedback confirms this belief.

“ Nothing comes close to my daylight lamp, I had a choice and I chose the best. Doug Shaw, Essex ”

☎ 0208 964 1200

daylight.™ Anything else is just a lamp.

any-angle
flexi arms

removable
lens and arm

natural daylight
18 watt colour matching
bulb (100w equivalent)

rimless
magnifying
lens



D23020

Table Top

Daylight Lamp

RRP: £79.99

Code: SAMI03

The Aviation Hobby Shop

Dept SAMI 9/03. 4 Horton Parade, Horton Road, West Drayton, Middlesex UB7 8EA

Tel: (01895) 442123 Fax: (01895) 421412

ALL MAIL ORDER WITHIN THE UK SENT POST FREE

TELEPHONE ORDERS WELCOME, QUOTING VISA / ACCESS / AMEX / DINERS CARD No. AND EXPIRY DATE.

Can't get into the shop? Give us a call on our 24 hour answering machine for a copy of our FREE catalogue. Orders are usually despatched within a few days if in stock. However, due to postal delays, please allow 28 days before enquiring about outstanding items

NEW & RECENT REISSUES

MIRAGE HOBBY 1/48 SCALE from Poland

PZL P.11C - Romanian Air Force 1942. £16.99
PZL P.11C - Polish Air Force with Bombs. £16.99
PZL P.11C - Polish Air Force. £16.95
PZL 37A Loc. £27.50
PZL 37B Loc. £27.50

HASEGAWA 1/32 SCALE

F-104 Starfighter "JASDF". £25.99
F-104 Starfighter. £49.99
Spartan Mk.VB. £18.99
Nakajima Oscar. £18.99
Messerschmitt Me 163B Comet. £16.99
F-86F 40 Sabre "JASDF". £25.00
A-4E/F Skyhawk. £26.99
Messerschmitt Bf 109G-6. £24.99
F8F-5H Night Helicat - due early September. £25.99

HASEGAWA 1/48 SCALE

P-51D Mustang "Big Beautiful Doll". £15.99
Messerschmitt Bf 109E-1 "Sitzkrieg". £17.99
F-86E Sabre "Korean War Ace". £21.99
Kanwarishi N1K2-J Shidenkai "George". £16.99
Spartan Mk.VII "SEAC". £16.99
A-4E/F Skyhawk "Marine Corps". £17.99
F-16A Netz "ID". £17.99
Nakajima C6N1S Night Fighter 30mm Cannon. £17.99
AH-64 Apache "ID". £24.99
Messerschmitt Bf 109G-2 Trop "Black 6". £15.99
F-16C Fighting Falcon "Block 50". £14.00
F-86F 30 Sabre "USAF". £17.99
AH-64 Apache Longbow. £24.99

P-39F/GH Lightning "Beautiful Lass". £18.99
Hurricane Mk.III. £16.99
Macchi C.205 Velio. £16.99
F-47D Thunderbolt. £17.99
Hawker Hurricane Mk.IIC. £16.99
Hawker Hurricane Mk.IID "Desert Markings". £16.99
F-47D Thunderbolt "Razorback". £16.99
Typhoon Mk.6 "Tear Drop Canopy". £16.99
Hurricane Mk.III. £16.99
Henschel He 129B-2. £16.99
F4U-7 Corsair "French Navy". £16.99
Spartan Mk.IX. £15.99

CF-104 Starfighter - due early September. £17.99
Nakajima Ki 43-II Hayabusa - due early Sept. £15.99
F-15C "50th Fighter Squadron" - due early Sept. £32.99
Hurricane Mk.I "Nightfighter" - due early Sept. £16.99
ABM3 Zero Type 22 - 281st Flying Group. £15.99

- due early Sept. £15.99
A-4L Skyhawk. £17.99
Messerschmitt Bf 109G-6 "Romanian Air Force". £15.99
- due early Sept. £15.99
Messerschmitt Bf 109F-2. £17.99

HASEGAWA 1/72 SCALE
Hurricane Mk.IIC "No. 3 Squadron". £9.99
Kawasaki Ki 61-1 "Tai Hen" Tony. £10.99
FG-10 Corsair "Reserve". £9.99
Focke Wulf Fw 190D "Rudel". £9.99
F-15A/C Eagle "ID". £16.99
F-15A/C Eagle "Adversary". £12.99
F-14D Tomcat "VF-2 Bounty Hunters". £17.99
Messerschmitt Me 262A "Galland". £9.99
Messerschmitt Bf 109G-2 "Jinnal Squadron". £9.99
Mustang Mk.IV "Hanson". £9.99
Nakajima A6M2-N Type 2 Fighter. £9.99
F-4E/J Kai "Okinawa 2002". £10.99
F-4E/J Kai. £10.99
Messerschmitt Bf 109T. £17.99
F-16C Fighting Falcon. £8.75
F-16C Fighting Falcon. £8.75
Sea Harrier FR. £8.75
F8F-2 Panther. £8.75
Lightning Mk.6. £8.75
F-4E Phantom 2. £8.75
F-106 Delta Dart. £8.75
Jaguar GR Mk.1A. £7.50

UH-60A Black Hawk. £7.50
MiG 25 Foxbat. £7.50
AH-64 Apache. £7.50
F/A-18C Hornet. £7.50
F/A-18D Hornet. £7.50
F-16B Plus Fighting Falcon. £7.50
F-16CJ Fighting Falcon "Block 50". £7.50
AV-8B Plus Harrier II. £7.50
F-117A Stealthwarrior. £8.99
MiG 29 Fulcrum. £8.99
F4U-1D Corsair. £8.50
UH-1H Iroquois. £8.50
Harrier GR Mk.3. £7.99
AH-64A Apache. £7.99
Boeing B-47E Strato Jet. £17.99
Nakajima Ki 84 Type 4 Fighter Hayate "Frank". £9.99
F-117A Stealthwarrior. £9.99
Helicat Mk.I "Fleet Air Arm" - due early Sept. £9.99
Nakajima B5N2 Type 97 Carrier Attack "Kate". £9.99
- due early Sept. £9.99
F-15J Eagle "Aggressor" - due early Sept. £17.99
F-4B/N Phantom II "MIG Eater" - due early Sept. £17.99
Tornado F Mk.3 "Regia Aeronautica". £16.99
- due early Sept. £9.99
AV-8B Harrier II Plus "Italian Navy". £9.99
F-8E Crusader "Sunderdown" - due early Sept. £16.99
Shimweia PS-1 - due early Sept. £11.99
Mitsubishi F-2A/B - due early Sept. £11.99
B-25 Mitchell - due early Sept. £23.99

HAWAIIAN 1/200 SCALE
Boeing 777 "Air France". £16.99
KDC-10 "Royal Netherlands Air Force". £16.99
Boeing 747 "JAL New colours". £14.99
Boeing 777 "JAL New colours". £14.99
Airbus A300 "JAL New colours". £12.99
Airbus A320 "ANA New colours". £12.99
Boeing 747 "Virgin Atlantic". £14.99
Boeing 727 200 "American Airlines". £11.99
Boeing 747-400 "ANA New colours". £14.99
Boeing 777-300 "ANA New colours". £14.99
- due early Sept. £14.99

AIRFIX
Vickers VC-10 K2 Tanker 1/144. £8.99
BAe Hawk "Red Arrows" 1/72. £9.99
BAe Hawk 100 1/72. £9.99
RAF Recovery Set 1/72. £5.99

ACADEMY
F/A-18C Hornet 1/32. £89.00
Martin B-26B/G Marauder 1/48. £13.99
Boeing 737 800 "Air Berlin" 1/144. £9.99
EH-101 Merlin 1/72. £13.99

MINICRAFT 1/144 SCALE
Douglas DC-6B American Airlines. £10.99
Lockheed L-188 PSA. £10.99
Boeing 737-300 Continental. £10.99
MDD MD-80 US Airways. £14.99
Boeing 757-200 TWA. £14.99
MDD MD-82 Alitalia. £14.99
Boeing 757-200 United Airlines. £14.99

MAGNA MODELS
Percival Q.6 Petrel 1/72. £21.95
Vickers FB5/34 Venom 1/72. £17.25
Halifax/Halton C.8 conversion for Airfix K4. £16.99
5 decal options: BOAC, Bond, LAMS, Skyflight, Eagle 1/72. £16.99
Blackburn Firebrand TF 1/48. £38.00
Supermarine Attacker FB 1/2 1/48. £38.00
Blackburn Firebrand TF 5 1/48. £38.00
Miles Martinet TT 1/48. £29.00

MONOGRAM 1/48 SCALE
P-61 Black Widow. £15.99
AH-64 Apache. £10.95
AH-1S Cobra. £10.95
WWII Ground Support Equipment. £19.99
A-37 Dragonfly. £10.95

F-84G Thunderjet. £15.95
Messerschmitt Bf 109G-4. £14.95
Dornier Do 217E-5. £22.95
F-101 Voodoo. £15.99

THIRD GROUP DECALS

1/48 SCALE @ £4.95 each

48-006: III Gruppe, JG54 "Grünherz" Messerschmitt Bf 109F-4/G-5/G-6: Yellow 5: Bf 109F-4/B of 9/JG54 during the winter of 1941-42. Yellow 1: Staffelkapitan OBLT Schilling Bf 109G-6 of 9/JG54 during February of 1944. White 1: Staffelkapitan OBLT Klemm's Bf 109G-6/R6 of 7/JG54 during early 1944. Yellow 11: FW Heinkel Bf 109G-5 of 9/JG54 during February of 1944. Black 8: Bf 109G-6/R6 of 9/JG54 during early 1944.

48-008: JG77 (J), LG2 1940-41 Messerschmitt Bf 109E-1/3/4: Red <<: Bf 109E-3, WNr 5057 of Hauptmann Herbert Hillefeld, Kommander of III/JG2, based in France, after his 32nd victory on March 13, 1941. Red <<: Hillefeld's aircraft in Kiskemet, Hungary, at the outset of the Balkan Campaign, April 1941. White 5: Bf 109E-1, WNr 1276, flown by Leutnant Jakob Arnoldy, 4/JG77 based at Mandel, France, during the Battle of Britain. Black 1: Bf 109E-4/B of 2/JJ/LG2 based in France during November of 1940 for Jabo operations. White 11: Bf 109E-4 of 4/JG77 flown by Leutnant Heinz Demes, March 1940, while based at Westerland/Sylt, Germany. Black 12: Bf 109E-1 of 2/JJ/LG2 flown by Uffz "Sepp" Heinzel during the Polish Campaign of September 1939. Black 11: Bf 109E-4 of III/JG77 at Molos, Greece, just before the assault on Crete, May 1941.

48-014: North American B-25 Mitchell: "Talisman" - B-25 of the 823rd Bomb Squadron, 38th Bomb Group, Yontan Airfield Okinawa, August 1945. White 6E: B-25 of the 468th Bomb Squadron, 340th Bomb Group, Corsica 1944.

48-016: USN Douglas AD-6 Skyraider: White 501: AD-6 Skyraider of VA-65, September 1955. Overall Glossy Sea Blue with green/white scallops on the engine cowling, green vertical tail fin tip, green/white stripes on rudder. White 414: AD-6 Skyraider of VA-104, 1956. This Skyraider is overall Glossy Sea Blue with Inter-national Orange trim on wings, horizontal stabilisers, elevators, vertical fin and rudder.

48-018: USN/USMC Douglas AD-6 Skyraider: White 500: AD-5 Skyraider, BuNo 133999, of VA-65 during September of 1956. This Skyraider is overall Glossy Sea Blue with Green and White Trim on the engine cowling, vertical fin and rudder. White 31: AD-5 Skyraider, BuNo 133926, of VMA-332 "Polka Dots" during 1955 in overall Glossy Sea Blue with white trim on the vertical fin and wing tip with Red polka dots.

48-020: USN/USMC AD-5A-1E Skyraider Stencil (Black): Light Gull Gray Skyriders usually had gray or black anti-glare panels and wingwalks. Aeroprop logos were not always applied to each propeller blade but propeller data stencils usually were. Propeller blades were black. Propeller blade tips were usually yellow or stripped red/white/red on the face with yellow backside. Rescue arrows varied in size, style, colour and orientation. Landing stripes were usually carried on the left side of the vertical fin, though there placement varied. Please double-check your references before applying these stencils to your Skyriders. This sheet may also be used in conjunction with 48-021, which features the same stencils in white and different styles of Rescue arrows. Both sheets are required for Skyriders painted Engine Gray and Orange Yellow.

48-021: USN/USMC AD-5A-1E Skyraider Stencil (White): Glossy Sea Blue Skyriders usually had gray, black, or matt Sea Blue anti-glare panels, wingwalks were applied. Aeroprop logos were not always applied to each propeller blade but propeller data stencils usually were. Propeller blades were black. Propeller blade tips were usually yellow or stripped red/white/red on the face with yellow backside. Rescue arrows varied in size, style, colour and orientation. Landing stripes were usually carried on the left side of the vertical fin, though there placement varied. Please double-check your references before applying these stencils to your Skyriders. This sheet may also be used in conjunction with 48-020, which features the same stencils in white and different styles of Rescue arrows. Both sheets are required for Skyriders painted Engine Gray and Orange Yellow.

48-022: Heinkel He 111H-4/P Executive KG 26/27. Blue A. Geschwaderkommodore Executive P KG27 Germany, 1939. Camouflage is standard RLM70/71/65. Yellow M: Hptm. Friedrich-Wilhelm Lauer, H-4, 3/KG26 Finland, 1942. This aircraft also carries the standard camouflage.

48-025: Focke Wulf Fw-190A-4/B: Lt. Rudiger von Kirchmayer - Technical Officer Fw-190A-4, WNr Unknown Holland Spring 1943: Black <O> Colour is RLM74/75/76 with RLM02/70/74 mottling on fuselage and vertical tail. Green-Tipped RLM70 spinner, Red or Yellow lower engine cowling. Black Exhaust panel mottling

and possibly the wingroots as well. White outline upper wing and fuselage wing crosses. Unknown pilot - 4th Staffel Fw-190A-4, WNr 526 Holland 1942: White 10: RLM74/75/76 with extend yellow engine cowling, black exhaust panels, and RLM02 fuselage mottling. The RLM70 spinner may have and white tip. Camouflage on the cowling extends downwards to enhance the visual contrast of the Tatzelwurm. Unknown pilot - 8th Staffel Fw-190A-4, WNr unknown Leeuwarden, Holland - March 1943: Yellow 10: Colour scheme is RLM74/75/76 with RLM74 fuselage spine, black exhaust panels, yellow rudder, and red trim tabs. Probably yellow tipped RLM70 spinner and yellow lower engine cowling. Fw-Körner - 8th Staffel Fw-190A-4, WNr 7032 Woensdrecht, Holland - January 1943: Black 10: Colour scheme is RLM74/75/76 with red tipped RLM70 spinner, extended yellow lower engine cowling, and red trim tabs. Right side of fuselage of fuselage apparently sprayed with RLM75.

48-026: 8/JG1 & 3/JG11 Focke Wulf Fw-190A-3/4/6/7: Yellow 7: Fw Hans-Georg Guthenke 3rd Staffel, JG11 Fw-190A-6, WNr 530106, Holland, August 17, 1943. Camouflage scheme is RLM74/75/76 with RLM70 spinner, yellow lower engine cowling, black exhaust panels, and red trim tabs. Yellow 6: Ofw. Wilhelm Lorenz - 3rd Staffel, JG11 - Fw-190A-7, WNr Unknown Sverdlovsk/Funen, Denmark - February 20, 1944. Camouflage scheme is RLM74/75/76 with RLM75 upper engine cowling and forward half of gun cowling. Overpainted upper wing crosses, fuselage crosses and swastikas. Actual pattern of fuselage cross overpainting is unknown. Yellow 7: Unknown Pilot - 9th Staffel Fw-190A-3, WNr 5532(?) Husum, Denmark - March 1943. Camouflage scheme is RLM74/75/76 with RLM02 overspray on fuselage and vertical tail, RLM70 spinner possibly with yellow tip, stained exhaust panels and probable extended yellow lower engine cowling and red trim tabs. Yellow 12: Uffz. Hans Georg Guthenke - 8th Staffel Fw-190A-4, WNr 5703 Husum, Denmark - March 1943.

48-028: III/JG27 Messerschmitt Bf 109F-4/Trop. Black 7: Unknown Staffelführer - 8th Staffel Bf 109F-4/Trop - Unknown WNr Summer 1942: Black 7: Colour scheme is RLM78/79 with white spinner, nose band, and wingtips. RLM79 overspray on natural metal sand filter screen. Lt. Werner Schöper - 8th Staffelführer Bf 109F-4/Trop WNr 8567 July/September 1942, Black 1: Colour scheme is RLM78/79 (or possibly field applied Italian colours) with probable white spinner. Nose band and wingtips. Red rudder trim tab. Lt. Ernst von Johannsson - 9th Staffel Bf 109F-4/Trop - WNr unknown Summer 1942, Yellow 5: Colour scheme is RLM78/79 with white spinner, nose band, fuselage band and wingtips. RLM79 overspray on natural metal sand filter screen. Lt. Helmut Fenzel - 7th Staffel Bf 109F-4/Trop - WNr 13136 October 26, 1942, Black 7: Colour scheme is Factory applied RLM78/79 with white spinner, nose band, fuselage band and wingtips, mixed tan, probably to mask the kill markings of a previous pilot.

48-029: Messerschmitt Bf 109F-4/Trop. Black 4, Lt. Kurt Jenisch - 5th Staffel Bf 109F-4/Trop - WNr unknown, Marabuta, Libya - February 1942: All of the following aircraft where the standard Desert Camouflage of RLM79 over RLM78. Yellow 5: Lt. Gerhard Mix - 6th Staffel Bf 109F-4/Trop - WNr 10074 Libya - August, 1942: Lt. Mix was flying this aircraft when it took hits and was forced to land on the main road to El Alamein, resulting in Lt. Mix being captured as a POW. Despite attempts by the Luftwaffe to destroy this aircraft in order to prevent its capture it was eventually retrieved by the Allies. Black <ll>: Fw Otto Schulz - Gruppenstab Bf 109F-4/Trop - Unknown WNr Late 1941 - Spring 1942. This aircraft wore the standard camouflage scheme but also had a yellow engine cowling. This was extremely rare on a desert F model. White 11: Fw. Otto Schulz (?) - 4th Staffel Bf 109F-4/Trop - Unknown WNr Döbelitz, Germany - September 1941. This aircraft wore standard camouflage scheme.

48-033: VU-5 & VS-21 - Eastern TBM-3E/U Avenger: White 2: VU-5 TBM-3U, BuNo 85594, during February of 1952 with Sea Blue Fuselage, Orange-Yellow wings and tails, and insignia red wing surround, though it might not have. White 22: VS-21 TBM-3E, BuNo 85970, in overall Sea Blue while serving aboard the USS Badoeng Strait (CVE-116) during April of 1952. This Avenger was one of the few remaining USN carrier based Avengers that was not modified for Anti Submarine Warfare or Carrier on Board Delivery (COB) transport duties.

48-037: JG54 "Green Hearts" - Focke Wulf Fw-190A-6/B: Black 15: Unknown pilot - 10th Staffel Fw-190A-6 - WNr unknown Germany - May 1945, Black 15 was in IV Gruppe Fw-190A-8 that crash landed during 1945, Camouflage scheme is RLM81/82/76 with RLM02 oversprayed fuselage broken up with RLM81/82 mottling. Black Exhaust

Spinner, exhaust panels, and red trim tabs. Red 11: Unknown Pilot - IV Gruppe Fw-190A-8 - WNr unknown Germany 1945. Camouflage scheme is RLM81/83/76 with blue spinner, engine cowling ring, and RVT fuselage band, black exhaust panels, and probably red trim tabs. Unknown colour of lower engine cowling [probably RLM76 or yellow]. Black <<<: Maj. Erich Rudorfer - II Gruppe-Kommandeur Fw-190A-6 - WNr unknown Immoila, Finland - Summer 1944. Camouflage scheme is RLM74/75/76 with black spiralled white spinner, yellow lower engine cowling, fuselage band, lower wingtips [unknown width], and rudder base. Fuselage sides heavily mottled with RLM02/71/74. RLM71 canopy framing but RLM74 windscreen framing. White 7: Unknown Pilot - 4th Staffel Fw-190A-6 - WNr 531054 Immoila, Finland - Summer 1944: Camouflage scheme is RLM74/75/76 with black spiralled white spinner, yellow lower engine cowling, fuselage band, lower wingtips, and rudder base. Fuselage sides heavily mottled with the RLM71/74, also a large patch of RLM76 has been applied to the vertical fin.

48-040: II Gruppo Caccia (5a Sq. & Nucleo Commando) Messerschmitt Bf 109G/14: Magg. Mario Bellagambi - 5a Squadriglia Commando Bf 109G-14 - WNr 464380 (or 785740) Osoppo, Italy - Spring 1945: Camouflage scheme is RLM81/83/76 with RLM81/83 mottling, white spiralled black spinner, RLM82 applied to forward upper engine cowling (Diavoli Rossi badge on very dark patch), RLM75 windscreen framing, RLM83 rudder with RLM81/82 mottling, of the two lower trim tabs, only the lowermost may have been red; the upper being RLM83. Magg. Mario Deputy Commander Nucleo Commando Bf 109G-14 - WNr 434444 Aviano, Italy - February 1945: Camouflage scheme is RLM82/83/76 with probable white spiralled black spinner. Of the two rudder trim tabs, the lowermost is red and the upper most is RLM83. Area of RLM82 above the wingroot and exhaust may have been a combination of exhaust stain and RLM82. Cap. Spaggiola - Nucleo Commando Bf 109G-6 - WNr unknown Villafraanca, Italy - Late 1944: Camouflage scheme is RLM74/75/76 with probable white spiralled black spinner and possible yellow lower engine cowling.

48-044: Fw-190A-6 Survivors Pt. 1 1945 [4] Red 13 Denmark, Blue 5 Austria, Yellow 17 and Red 3 Bad Aibling, Germany. 48-045: Fw-190A-3/F-3 Survivors Pt. 2 1945 [4] Black 35/SG2, Black K/ISG10, Yellow 8, Red 13. 48-047: Lockheed P-38F-SE - 33PRPS and National Chinese aircraft. Different aircraft: 1 x PRU Blue, 1 x Natural Metal and 1 x Olive Drab/Neutral Grey.

48-048: I & II/JG-1 "Ossau" 1944 - Focke Wulf Fw-190A-6/7: Oblt. Rudiger von Kirchmayer - 6th Staffel Fw-190A-6, WNr unknown, Stormede, Germany - May 1944: Red 13: Colour scheme is RLM74/75/76, white spiralled RLM70 spinner, yellow lower engine cowling, black exhaust panels, and probable red trim tabs. Hptm. Alfred Gistawski - 1/Staffelkapitan - Fw-190A-7, WNr 430965 Dortmund, Germany - January 1944: White 9: Colour scheme is RLM74/75/76 with white spinner, black exhaust panels, yellow or (red) lower engine cowling and soft edged lower wingtips. RLM76 wingtips, and probably red trim tabs. RLM76 wrap onto upper wing leading edge. Maj. Heinz Bar - II Gruppenkommandeur Fw-190A-7, WNr 431007 Stormede, Germany - April 1944: Red 13: Colour scheme is RLM74/75/76 with RLM75 upper engine cowling and forward area of gun cowling, white spiralled RLM70 spinner, yellow lower engine cowling, black exhaust panel mottling (probable), red fuselage band. Unknown pilot - 2nd Staffel Fw-190A-7, WNr 430052 Dortmund, Germany - April 1944: Black 3: Colour scheme is RLM74/75/76 with red or RLM70 spinner, black cowling ring, black/white striped nose, black exhaust panels, RLM76 wingtips, and red trim tabs.

48-059: Bf 109F-4 Trop 1/JG27/4: Black <1> Gruppe Adjutant: White 1 Hptm Redlich, Red 11 Lt Friedrich Körner, Yellow 1 Gerhard Hornth, all RLM79/78. 48-060: Fw-190A-3 [4] <ll> + 2 Stab/JG5; Yellow 12 3/JG5; Red 8 2/JG51; White 9 1/JG51.

48-063: Junkers Ju 88A/Bf 109F Mistel [3] Black 2, Red 6, White 5. 48-064: Bf 109G-2 Trop/G-4 I/JG27 [4] <ll>+ Obstdt Neumann: White 4 Lt Hans Remmer, Black 12 2 Staffell, Yellow 1 3 Staffell. 48-065: Bf 109G-6 I/JG27 [4] Gruppenkommandeur Maj Franzisket: Black 21 1 Staffell, White 23 3 Staffell, Yellow 24 3 Staffell. 48-066: Bf 109K-4 I/JG27 [4] Black <Adjutant> White 14 9 Staffell, Red 1 10 Staffell, Blue 16 12 Staffell. 48-068: Bf 109E-1/3 I/JG77 [4] Gruppenkommandeur <ll>: Red 1 Hptm Hans Trautloff, Black 9 2 Staffell, Red 13 2 Staffell.

Revell MBB EC-135 'Heeresflieger'

Technical Data

Scale: 1/32nd
Kit No: 04465
Price: £13.99
Panel Lines: Recessed ✓
Status: Updated Tooling ✓
Type: Injection Moulded Plastic
Parts: Plastic 80, Clear 10
Decal Options: 2
Manufacturer: Revell AG
UK Importer: Revell AG (UK Branch)



The Kit

This kit is a reissue of Revell's pre-production/prototype EC-135, but it has been updated with extra parts to represent the production version as seen in service with the German Army (Heeresflieger) as a trainer and liaison/utility helicopter. The aircraft is basically the civil version with an extended landing gear, more multi-function displays (MFDs) in the cockpit and military communications equipment.

The box is literally full of parts. It's actually bulging to get out, which is rather rare these days. Quite a few of the parts are not used on this variant so you get loads of gear for your spares box if you have one. The sprues are moulded in three different colours, light grey, mid green and dark green plus another sprue for the clear parts. The multi-coloured parts and the style of the detail makes me think that the earlier EC-135 model may have been an unreleased Matchbox kit.

Unfortunately the mould is showing its age a bit and has a lot of excess plastic to cut and file off, especially on

the rear of the fuselage halves where the large rear clamshell doors join and inside the engine exhausts.

Instructions

These are in Revell's usual booklet form and cover thirty-nine stages of construction, including interior colour details, with a paint/decal plan for the exterior and a short history of the real helicopter.

Revell quote only their own paint references which means four colours will need mixing if you can't figure out equivalent shades.

Some of the drawings are a bit vague such as the position of some of the small parts on the underside of the fuselage and which direction the rotor blades are supposed to spin. That last bit may look like a joke but it isn't! I have a set of 1/72nd scale plans from Air Pictorial and they show them turning both clockwise and anti-clockwise, as do Revell's instructions - which is correct I don't know?

Construction

The build starts with the instrument panel/coaming/pedestal assembly, which is supposed to have weight placed in the large area behind the panel but naturally I forgot and had to try cramming as much lead as I could into the pedestal. Revell say to paint this section mostly Anthrazit Grey (I wrongly used Humbrol's 85 Coal Black) with a dust grey section on the pedestal but if you do the instrument panel black, as I did, most of the detailed decal will disappear. I had to rescue the decal quick, repaint the panel with the nearest acrylic I could find (mid-grey) and put the decal back on. The grey paint shows through the decal and you don't lose any detail. I don't know if the colour is

right but it looks okay (much better than a sea of black!).

The cockpit and cabin interior is pretty well appointed. All of the necessary flight controls are present, cyclic sticks, collective levers and rudder pedals. All of these controls, and the floor, are various finishes of black so I glued them on and sprayed the lot with Halfords Matt Black acrylic aerosol then used several varnishes to get the different (semi-gloss, matt etc.) effects necessary.

There are two seats up front for the pilot and co-pilot each made up from five parts. Seating for three is supplied for the passenger cabin and they are the same style as the front ones but are made up into a single unit, from eleven parts, that is then mounted on a frame that fits to the floor.

Rather than mix paints as Revell suggest I painted the seats overall Humbrol 128 Satin US Compass Grey with a Matt varnish coat which seems to match the photos of the real helicopter on the side of the box. All five seats have safety harness (I used Humbrol 85 Coal Black) and buckle (Humbrol 33 Matt Black) detail moulded on. It's not great but it is better than nothing.

As I've mentioned in other reviews I have never seen Revell paints available in any shops but recently Toyworks in Livingston have changed from Humbrol to Revell paints so I bought a few to see what they're like.

The instrument panel/coaming assembly and seat harnesses that I had painted Humbrol 85 Coal Black are actually supposed to be Revell Matt 9 Anthrazit Grey, which are the same according to Humbrol's colour chart but turn out to be nothing like each other! It just shows you should never believe everything you read!

The paint itself is a bit on the thick side for my liking but I think that Revell are the only ones that make this colour, along with several others in the range.

Before joining the fuselage together I had painted the interior the suggested overall Dust Grey (Revell Matt 77) that I got with their excellent 1/72nd scale Tiger tank kit (less than £2 from a bargain bin at Poundstretchers!). I then added some painted detail on the door panel areas (Humbrol 87 Steel Grey) to match the photos on the box side. To get a better effect you could use plastic card to make up some panels to add to the interior of the doors.

The fuselage 'egg' went together with no problems at all and all the panel lines match up perfectly as did the tail boom section. The tail hooks into the rear of the egg and fits very well.

The fenestron tail rotor can be fitted after the whole model is built so I left this off till after the model was fully painted and decalled. This tail rotor has only nine blades whereas it should have eleven and there should also be a lot of detail (gear and wiring?) on the left hub area instead of just a flat plate. The right hub should be a flattened dome shape as shown on the box side pictures. The static section has the correct number of fixed vanes.

The windows can be fitted after the painting is done but all except for the two curved small lower cockpit ones required a lot of filing, sanding and test fitting to get right. I didn't sand down the main bubble glazing, which overlapped about 1mm at each side, as it would be murder trying to clean and polish the edges correctly so I just gently eased out the cockpit door areas wider and it fitted okay.

The four-blade main rotor and the rotor head parts are a bit basic but well moulded. I didn't use part No.59



because it seems the military versions don't have it according to the photos I have. Be more careful than I was when handling the rotor after assembly because I snapped two blades off while painting it. This is very usual for me, as I have always broken at least one blade on every helicopter kit I've ever made!

As I mentioned earlier I don't know which direction the rotors spin so I just built them, as supplied, to turn clockwise. If they are supposed to turn in the opposite direction some surgery and filling will be necessary to put part No.57 on the reverse side of each blade.

The last things added were the various aerals etc. that go on the underside and the two whip style aerals for the top of the cabin and tail boom. Both whip aerals were pre-snapped which wasn't too good but I replaced them with some fuse wire.

The finished model is a pretty reasonable EC-135 that captures the look very well and is likely to be the only one available in this scale but there is a lot of scope for extra detailing.

Accuracy

Dimensions were taken from Air Pictorial dated November 1997, which includes 1/72nd scale plans of the civil production EC-135 and photos of the Bø-108 prototype, pre-production EC-135s and a production machine from ADAC.

Length of the real machine is 10.16m (33ft4in), height 3.75m (12ft3in) and main rotor diameter is 10.20m (33ft5in). If my measuring and maths are right the model scales in at 10.336m long, 4m high and 10.08m rotor diameter. As you can see the model is a bit off scale but this may be because the mould was based on the prototype helicopters.

The only thing that actually looks wrong to me, when compared to photos of the German Army version, is the top of the tail fin. This is definitely shorter than the kit's fin and should have a small white avionics lump (on top of the fin at the leading edge) in front of the anti collision light. There is a small spike that sticks out of the trailing edge of the kit's tail that houses a white strobe light and this is at the top of the fin on the real aircraft. There is also a rectangular slot at the rear of the tail structure that is not present on the kit.

The fuelling point on the left side should not be visible because it has a door/cover on the real thing. This also appears to be the case with the two forward engine access panel latches.

Colour options

Two machines are catered for in the kit and both are exactly the same except for the serial numbers. I picked number 8254 because I had photos of it.

The scheme for both is two tones of green and matt black camouflage with

the rotors in Anthrazit Grey (Revell Matt 9) with yellow tips. Judging by my photo references the Revell scheme is slightly different in several places so, as always, check your photos before you start painting if you can.

The two greens are mixes but after trying a couple of times and getting a horrible mess I decided to just use US Medium Green (Testors 1713) and US Dark Green (Testors 1710). These are a bit on the dark side but the two shades were the best match I had on hand and seem to be okay. By the way, these two Testors paints are 1970s vintage in little glass jars and were almost solid but I rescued them with some thinners. I don't know where they came from as I didn't buy them and haven't a clue how I got hold of them but they went on well and dried extremely quickly.

Decals

The decal sheet is very matt but very well printed with internal (exit signs etc.) and external stencils plus the national insignia and registration serials. Unfortunately I had some problems with silvering as I applied the decals. For once I had remembered to spray on the gloss coat but these decals don't seem to like it much! I used Micro Sol to try to clear them a little but this only worked on the smaller stencils and didn't have its usual wrinkling effect on the decals. Also supplied as decals are the nose landing

light and what appears to be a retractable light on the underside of the cockpit.

Decal Rating = 7/10.

Conclusion/Recommendation

It turns out as a pretty nice model of a type that I've wanted for quite a while but I do think that Revell should clean up and refurbish the moulds as they are really showing some damage now. Due to the fit of the transparencies I wouldn't recommend this as a first kit but if you've done a few kits you won't have any problems. Recommended to all except absolute beginners.

Construction is very easy, after cleaning up the parts, and really the only hard part of this kit is the need to mix some of the paints, which I truly hate with a vengeance. Being a German company it seems strange that Revell haven't got German Army colours in their paint range?

Thank you very much to Revell (UK Branch) for the review sample.

Paul R. Harrison

Correction on Revell F-16MLU review

I received a message from Jose Barata in Portugal regarding the pylons, with built in chaff/flare dispensers, that I had fitted on the review model. As usual he's absolutely right that they are only used by the Danish Air Force and should not be fitted to the Belgian or Dutch aircraft catered for by the kit. Thanks for the information and I have changed the pylons on my F-16 for the normal ones! I just hope there aren't loads of readers having to rip off pylons because of me!

AErodin

Breda Ba.25/D.2

Technical Data

Scale: 1/72nd
Kit No: 72-01
Price: £TBA
Panel Lines: Recessed ✓
Status: New Tooling ✓
Type: Resin & Vac-formed Clear Plastic
Parts: Resin 38, Clear 2
Decal Options: 1
Manufacturer: AErodin
Obtain via: Italian Kits Mail Order and MisterKit



The Kit

This resin kit, AErodin's first, arrived in a comparatively large plain cardboard box. The simple 'box art' is a laser print glued on the lid showing a nice photograph of a completed model. All parts are neatly packaged in several small re-sealable bags and are moulded in a very pale grey resin, the smaller parts still attached to their moulding blocks. Included in the

Surface detail is rather austere, with engraving only used for depicting the control surfaces. Similarly, raised lines are only used for the wing rib detail. There is very subtle moulding on the fuselage sides and all trailing edges had a commendable scale thickness, although the trailing edge of the upper wing needed a fair amount of cleaning up. All the struts were extremely fragile and suffered from flash and there was a problem with the fuselage where the starboard half was found to be deeper than the port side. Not only that, the propeller was missing.

Instructions

The rather basic instructions are photocopied on one side of an A4 sheet. It included a detailed drawing of the undercarriage and tail-skid construction, two rather indistinct cockpit photos, a little bit of informational/advisory text in Italian and English and a simple painting guide. Assembly is aided by a rather sketchy exploded-view construction diagram.

Construction

The two fuselage halves were tissue-paper thin in places. To prevent any



detail is adequate, with basic tubular framework moulded on the fuselage sides, together with separately moulded floor, seats and instrument panels. The mis-matched fuselage dilemma was solved by aligning the top edge during assembly and the resulting step along the base removed afterwards with careful sanding. Fortunately, the base of the fuselage was thick enough to cope with this.

The engine is buried in the nose with just the cylinders protruding, the detailing of which was fine. I split the one-piece engine exhaust in two to allow it be glued in position at a later stage. An outer cowling is supplied but was not used on this particular aircraft. The next step was to fix the lower wing and horizontal stabilisers in place, followed by the assembly of the undercarriage. The undercarriage strut arrangement was fairly complex, requiring careful study of the diagrams. I replaced some of the fragile resin struts with stronger plastic alternatives, a course of action suggested on the instruction sheet. It also states that, as this aircraft was used for blind flight, a canvas cover will need to be made for the front cockpit opening and that the leading edge slat detail on the upper wing must be removed.



Accuracy

The kit compares well with dimensions sourced from elsewhere. With a top wing span of 13.3cm, an overall length of 10.8cm and a height of 4.1cm, it scales out to almost spot on. Comments on its actual appearance are made difficult by the fact that out of all the Breda 25 photographs I could find, no two were the same! There were single-seater, float-plane and even in-line engined types and of these, some had rounded wing tips and different shaped tail-fins. Comparing the model with the nearest suggests that the overall look of the aircraft has been captured very well, even

though the exhaust and wheel detail were quite different.

Colour Options

With only one option supplied on the decal sheet, for a rather eccentrically adorned trainer aircraft, an overall coat of Alclad II White Aluminium was applied to the model. Before attaching the upper wing, the tricolor banding needed to be done. This turned out to be a fairly complex masking operation, using the diagrams together with the photograph on the lid to work out their size and position. The white was sprayed as a base, then the green and red bands

were airbrushed in sequence using Humbrol enamels. Other items such as the tyres, cylinders, struts and exhaust etc were brush painted.

Decals

The decal quality was very poor. It looked like a low-resolution computer-generated printout and was supplied on a tiny sheet taped to the back of the instructions. It had overall carrier film. Although I was able to use the lettering without too much problem, spares were found for the Savoy Crest and fuselage fasces.

Decal Rating = 2/10.

Conclusion/Recommendation

This was one of Italy's most widely used trainer aircraft in the 1930s. Despite the kit's faults, particularly the mis-matched fuselage and missing propeller, I would still give this kit a guarded recommendation to experienced biplane and Italian aircraft enthusiasts. Anyone trying a resin kit for the first time is likely to find it a challenge. It could make a good basis for conversion projects provided good references are found.

Many thanks to Aerodim for the review sample.

Chris Baebridge

Revell Northrop F-5B

Technical Data

| |
|--|
| Scale: 1/72nd |
| Kit No: 04314 |
| Price: £6.99 |
| Origin: Italeri (Italy) |
| Panel Lines: Recessed ✓ |
| Status: Reissue ✓ |
| Type: Injection Moulded Plastic |
| Components: Plastic 83 (Light Grey), Clear 4 |
| Decal Options: 2 |
| Manufacturer: Revell AG |
| UK Importer: Revell AG (UK Branch) |



The Kit

The kit comes in the standard Revell box which has a nice colour representation on the top with two photographs of the prototype model on the side. Inside is a bag containing five sprues of grey parts and one sprue of clear parts which is individually sealed in its own little bag, instructions, one decal sheet for two different air forces and an 'attention' note, more of which later.

The grey parts have very fine recessed panel lines and a good level of surface detail although the sample received had a fair amount

of flash on a majority of the parts. I am unsure as to the origin [Italeri, Ed.] of this kit, whether it is a new tooling or shared with some other manufacturer, not that this matters as it is up to Revell's improving standards, I must admit that Revell have 'upped their standards' quite a bit on their new kits, with the level of detail in most areas getting to be on par with that expected from certain Japanese manufacturers.

Instructions

Instructions are provided in Revell's normal style booklet, although on this occasion it is in A5 'notepad' style. The instructions begin with the normal aircraft description on the cover with the next few pages full of text that very few of us ever take notice of. It is not until you get to the paint reference chart, which refers as always only to Revell paint numbers, that you begin the kit instructions proper. The following pages of the instructions begin with sprue layouts and construction steps through to painting and decaling instructions on pages 10 and 11.

Construction

Construction starts guess where? Yep, in the cockpit, beginning with the ejection seats, fairly simple assembly as each seat comes in two halves with limited detail and no

seat belts. The instrument panels have no raised details and the same can be said for the side coaming panels except these do have throttle quadrants. Painting references are shown at each stage which is very simple at the cockpit stage. Decals are supplied for all the instrument panels in the cockpits which when applied do not look too bad. Assembly of the cockpits is quick with the seats, joysticks and instrument panels all being assembled into the cockpit tub which is then glued into position in the nose sections of the fuselage. The fuselage is split into two sections with the split being just aft of the second cockpit bulkhead, this I assume is to allow Revell to market a single-seater without having to manufacture two complete sets of moulds.

Assembly takes place at a pace, with the aft fuselage consisting of three parts which, when assembled, fit to the front assembly. The engine intakes were pre-painted Humbrol Satin White (130), with the aft ends painted matt black. When dry they were assembled and fitted to the fuselage assembly. Only a small amount of filler was required here. Wings and tailplanes were fitted with no filler being required at this stage. (Tip: if you use plastic filler you may or may not know that nail

polish remover on a cotton bud cleans this filler off very nicely without damaging the plastic. It also means that you do not remove any panel lines as a result of sanding the surplus filler away.)

Back to the kit. I chose not to fit the exhaust nozzles at this stage but to leave them off and paint them separately.

Steps 12 and 20 show the fitting of an arrestor hook, two inlets and a fuselage centre pylon, however, there are no location holes in the fuselage for these so the location is open to interpretation and the parts will have to be trimmed of their location lugs prior to fitting. Furthermore, part no. 2, which is the fuselage centre pylon, has lugs top and bottom, one to fit into the fuselage the other to fit into the fuel tank (Part Nos 47 & 49). Be careful not to remove the wrong lug here as the drawing shown in section 22 of this pylon is drawn upside down, the triangular lug is the one that fits into the fuel tank and should not be removed.

As mentioned at the beginning, there is an 'attention' note included in the box. This states that the 'fuel tanks/bombs for steps 15 and 16 should not be used because they are not needed for the trainer version and are therefore not included in the kit'. Included in the kit are part

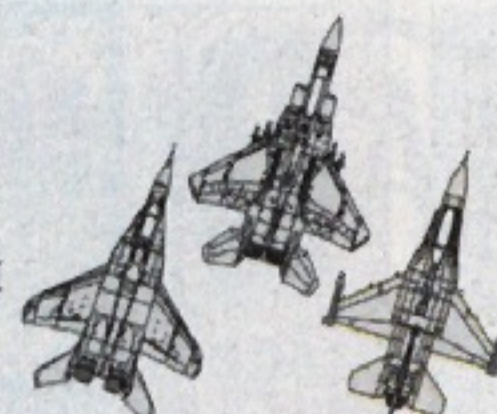
Attention Hobby Shops!!

The paint that modelers have been waiting for.....

We Ship EveryWhere!!

Aircraft Colors

ALL INQUIRIES WELCOME!!



Aircraft Colors™ combines the best qualities of enamel paints with the safety and ease of application of the newest acrylics in the market. Aircraft Colors™ offers you the most popular colors, and more will be added in the near future. A new, almost fool proof container/dispenser that allows the user maximum control and prevents dried-up or non-opening bottle caps, has been provided for ease of handling and maximum economy. "No more clumped paint bottles or tinlets". These colors are not "scale matched". They have been toned down to eliminate the unrealistic, overly dark appearance of the full scale shade when it is applied to a small model. They are permanent, waterproof, intermixable, fast-drying, masking tape safe, will not crack, peel, chip or rub off once dry. Their high opacity makes them economical to use. Their quality and performance are incomparable. Easy clean up and thinning with just plain water (distilled water works best) are two of the many qualities that make this paint the "best ever." So now, it's up to you to continue using old technology, or to move forward with the times.

Aircraft Colors

| Basic Colors | 2013 | RLM 22 Black | 2026 | RLM 75 Grauviolett | U. S. WWII | 3048 | US Blue Gray | 6113 | Med. Sea Gray |
|--------------|------------------|--------------------|--------------------|---------------------|----------------------|------------------|--------------------|------|--------------------|
| 1001 | Gloss Clear | 2014 | RLM 23 Red | 2027 | RLM 76 Lichtblau | 3040 | US Olive Drab 41 | 6114 | Sky |
| 1002 | Semi-Gloss Clear | 2015 | RLM 24 Blue | 2028 | RLM 78 Hellblau | 3041 | US OD 41 Faded | 6115 | Midstone |
| 1003 | Flat Clear | 2016 | RLM 25 Green | 2029 | RLM 79 Sandgelb | 3042 | US Green 42 | 6116 | Azure |
| 1004 | Tire Black | 2021 | RLM 65 Hellblau | 2030 | RLM 80 Olivegrun | 3043 | US Neutral Gray 43 | 6117 | P.R.U. Blue |
| Germany WWII | 2022 | RLM 66 Schwarzgrau | 2031 | RLM 81 Braunviolett | 3044 | US Sea Blue Flat | U.K. WWII | 6118 | Ext. Dk. Sea Gray |
| 2010 | RLM 02 Grau | 2023 | RLM 70 Schwarzgrun | 2033 | RLM 82 Lichtgrun | 3045 | US Sea Blue Gloss | 6110 | Dk. Earth |
| 2011 | RLM 04 Gelb | 2024 | RLM 71 Dunkelgrun | 2034 | RLM 83 Dunkelgrun | 3046 | US Interm. Blue | 6111 | Dk. Green |
| 2012 | RLM 21 White | 2025 | RLM 74 Graugrun | 2035 | RLM 84? Graublau (I) | 3047 | US Lt. Gull Gray | 6112 | Ocean Gray |
| | | | | | | | | 6120 | Interior Green |
| | | | | | | | | 6121 | Mediterranean Blue |

Now Open!!

Visit our Website at: **www.aircraftcolors.com**

"Attention Trade and Friends"

Now Open!!

Aircraft Colors™ is not commercially related to AeroMaster or Eagle Strike and should not be mistaken with the earlier or present companies. On the bottom of this page is the correct address and fax number where you can contact us. All the European orders will be serviced out of France, and being a European Community partner, it will facilitate purchasing and transporting these paints throughout continental Europe.

Our European Distribution Center is:

Cocktail Distribution Zac Des Garennes 32 Rue Becquerel 78130 Les Mureaux, France Tel: (1) 34 74 3399 Fax: (1) 30 91 4615

All European Trade orders MUST go there. We have gone through heavy expenses to make this super product available to you in an expeditious and efficient operation. Orders to the American continent, Japan and Australasia will be shipped out of Miami, USA.

As in the past, we will take that extra step to facilitate your stocking the latest paint technology and beautiful toned down shades. Try Us, You'll Like Us...

Aircraft Colors: 13211 SW 44 Street. Miami, FL. 33175 Fax: (305) 226-5289.

www.airwaves.org.uk

E.D. Models

SHOP/MAIL ORDER: (DEPT SAM)
64 Stratford Road, Shirley, Solihull,
West Midlands B90 3LP.
Tel: 0121 744 7488 Fax: 0121 733 2591
email: sales@airwaves.org.uk

NEW AIRWAVES 1:72 CONVERSION

SC72-145 Westland Wasp conversion £ TBA

All new resin conversion for Airfix Scout kit in resin, etch, white metal Resin Parts. New rear fuselage, engine & engine platform. Floatation bag, tail rotor boom, rescue hoist, White metal (for strength) undercarriage legs, mounts & supports, AS12 sight, Etch Brass, rescue hoist hook, rear view mirrors, windscreen wipers, aerials, floatation gear braces, gear box struts and links, engine wire loom, engine exhaust FOD guards, tail fold, crew door wind deflectors, torpedo carrier. Also new Vacform canopy (by Falcon)

AIRWAVES 1:48

SC48120 F-35 JSF ejector seats - £5.00

2 RESIN SEATS PER PACK. Super detail

KITS AT WAR DECALS 1:48

4809 1:48 Post War RAF Fighters - £6.50

Spitfire F 24 VN217 W2-P 80 Sqn 1949; Tempest FB6 NX204 JV-X 6 Sqn Egypt 1949 overall silver; NX136/H 213 Sqn Egypt 1949 Dk Earth/Lt Slate Grey/M.S. Grey; Mosquito NF 36 RL131 VY-K 85 Sqn; RL136 RO-U 29 Sqn 1950

KITS AT WAR DECALS 1:72

K7210 1:72 Belgian Air Force - £5.99

Includes Gladiator R 1938; Fiat CR 42 '940; Hurricane Mk IIc Post War camo & silver; Meteor NF 13 1956; Mosquito T III 1947

MODEL ALLIANCE 1:48

ML48104 Tornado GR 1/GR 4 Pt 1 (8) - £11.00

GR 1 ZA370 2(AC) Sqn grey/green camo; ZA592/C 2(AC) Sqn grey/white winter camo; ZA460 AJ-A 617 Sqn Incirlik 1992 overall desert pink; GR 4 ZA369/U 13 Sqn RAF Lossiemouth; ZD847/AA 9 Sqn Bruggen; ZA542/DM 31 Sqn Bruggen/Marham

MODEL ALLIANCE 1:72

ML72104 Tornado GR 1/GR 4 Pt 1 (8) - £8.80

GR 1 ZA370 2(AC) Sqn grey/green camo; ZA592/C 2(AC) Sqn grey/white winter camo; ZA460 AJ-A 617 Sqn Incirlik 1992 overall desert pink; GR 4 ZA369/U 13 Sqn RAF Lossiemouth; ZD847/AA 9 Sqn Bruggen; ZA542/DM 31 Sqn Bruggen/Marham

SKY MODELS DECALS 1:48

SKY48048 P-38 Lightning - £5.00

16 different Lightnings. USAAC P-38F; P-38G; P-38H; P-38J; P-38L; European, Pacific, India, captured. Camouflaged & natural metal, nose art etc

SKY48051 Hawker Hurricanes Pt 1 - £5.00

Markings for 16 different Hurricanes. Mk I; Mk I Trop; Mk IIA; Mk IIB; Mk IIC; Sea Hurricane Mk I; I; Northern Europe, Mediterranean; FAA and Nth Africa Camos; RAF, and Russian

SKY48052 Hawker Hurricanes Pt 2 - £5.00

SKY MODELS DECALS 1:72

SKY72049 1:72 F4U Corsairs - £5.00

Markings for 54 different Corsairs. F4U-1, F4U-1A, F4U-1D, F4U-2, F4U-4; in USN, USMC, Fleet Air Arm European and Pacific, French Navy and Honduras

SKY72050 P-47 Thunderbolts - £5.00

Markings for 30 different Thunderbolts. P-47C; P-47D Razorback and Bubble; P-47N. Based in UK, Europe and Pacific

SKY72053 Hawker Hurricanes - £5.00

Covers 37 different a/c. Mk I; Mk I Trop; Mk IIA; Mk IIB; Mk IIC; Sea Hurricane Mk I; I; CAM ship; Northern Europe, Med, Night Fighter; FAA and Nth Africa Camos; RAF, Operation Torch, Russian & captured Luftwaffe

www.airwaves.org.uk

NEW AIRWAVES WEB SITE DUE FOR LAUNCH SOON - ALL INSTRUCTIONS SHOWN (DOWNLOADABLE), PHOTO'S OF PARTS, PHOTO RESEARCH GALLERY, LINKS WITH SECURE ONLINE ORDERING

AVIATION WORKSHOP BOOKS - SPECIAL

Special No1 'Operation Telic' RAF Jets

in Operation Iraqi Freedom

By A. Evans & J. Freeman £12.99

Covers Tornado GR4/F3/Harrier/Jaguar/Canberra/Nimrod

WINGS AND WHEELS BOOKS

109 Westland Lynx in detail £11.50

WARPAINT BOOKS

No41 Fairey Fulmar £11.50

OSPREY BOOKS - AIR COMBAT SERIES

NO 37 Iranian F-4 Phantom Units in Combat £12.99

EDUARD 1:48 injection

8055 Sopwith Camel RNAS £14.99

8057 Sopwith Camel RFC £14.99

Hasegawa 1:72

HAE16 B-25 J Mitchell £23.99

HAK008 Shinmeiwa PS-1 Re-issue £16.99

Hasegawa 1:48

HAK008 Mitsubishi F-2 A £17.99

AIRFIX 1:72

AX01001 Spitfire Mk1 50th Anniversary

Ltd Edition £2.99

REVELL 1:72

4410 Westland EH 101 Merlin HM.1

Tiger Royal Navy £13.99

SWORD 1:48

SWO4804 Northrop T-38 Talon £19.99

TAMIYA 1:48

61090 Republic P-47D Thunderbolt

Bubbletop £27.99

AZUR 1:72

AZUR3240 Dewoitine D.520C.1 £19.45

AZUR 1:72

AZUR7236 Potez 630 French Air Force £12.55

CLASSIC AIRFRAME 1:48

CF463 Westland Whirlwind Fighter

(injection canopy) £29.95

MPM 1:72

72522 Lockheed Vega 5/UC-101 £10.85

SPECIAL HOBBY 1:72

7251 Hawk H-75M/N/O £9.75

DRAGON 1:48

D5532 6 Luftwaffe day Fighter Crew, 2 mechanics,

tables, chairs, & bomb loading trolley £17.99

BATTLE AXE 1:32 injection

3202 Fokker E.III (resin, decals & etch) £44.50

ARIES 1:48

4160 F-4J/S Phantom II cockpit set £11.80

4162 Ki-61 I Hien detail set £22.00

4167 A-1H Skyraider cockpit set £6.70

4171 F-8 Crusader exhaust nozzle £6.70

4172 F-8 Crusader engine duct bay for

use with a raised wing £5.00

4173 F-8 Crusader wheel bay £6.70

4174 A-1H Skyraider wheel bay £5.00

4175 F-8 Crusader gun bay £5.35

4176 Allison V-1710/89 engine £5.35

4178 Borkanone 3.7cm £3.30

ARIES 1:72 detail sets

7289 Republic P-47D gun bay (Academy) £5.00

7297 A-1H Skyraider wheel bay (Hasegawa) £5.00

7299 Mosquito FB Mk VI bomb bay £8.40

AIRDOC PUBLICATIONS

Post WW2 Combat Aircraft Series

No5 British Phantoms (FGR2 RAF) £12.99

No4 Luftwaffe Flitters (Su22) £12.99

No3 USAF F-16 A/B/C/D £12.99

No1 USAF Phantoms in Germany £12.99

No2 Luftwaffe Fulcrums (MiG 29) £12.99

No1 USAF Phantoms in Germany £12.99

AIRWAVES 1:32 Resin conversions

SC32001 Hunter FGA 9 Mk3 ejector seat £5.50

SC32002 Remove Before Flight Flagfor

RAF/USA £2.25

SC32003 Seafire Ib £4.99

SC32004 Spitfire C Wing £9.99

SC32005 Seafire Mk II £16.99

SC32006 Seafire Mk III £19.99

SC32007 Spitfire Mk II Coffman Starter bulge £0.50

AIRWAVES 1:48 BRASS ETCH

Detail Sets for the Fleet Air Arm

AC48-107 Seafire Mk I/II £5.99

AC48-108 Fairey Firefly Wing Fold £5.99

AC48105 AW Seahawk £12.99

AC48101 B. Buccaneer S2 Wing Fold £4.99

AC48102 Westland Wyvern Wing Fold £5.99

AC48103 Hawker Sea Fury Wing Fold £3.99

AC48104 Sea King General Set £6.99

AC48098 D. Skyraider wing fold & AD4 conv. £7.99

AC48099 F-4 Phantom Wing Fold £3.99

AC48093 F. Gannet ASW & ECM Wing Fold £9.99

AC48094 DH Sea Vixen FAW 2 Wing Fold £9.99

AC48095 Supermarine Attacker £9.99

AC48091 Sea Harrier F/A 2 £5.99

AC48084 Sea Harrier FRS 1/GR 3 £5.99

AC48072 Buccaneer Airbrakes £6.99

AC48073 Buccaneer Cockpit £4.99

AC48001 Sea Fury £4.99

ALMAK DECALS 1:72

A-2 RAF Type B Roundels (Dull Shades) £2.99

A-3 S.E.A.C. Roundels and Fin Flashes £2.99

A-6 RAF Code Letters Dull red £2.99

A-7/8 RAF Type C and C1 Roundels £2.99

A-9 RAF Type A1 and A1 Roundels £2.99

A-10 RAF Type A1 Roundels '38-45 (revised) £2.99

A-11 German WWI Crosses £2.99

A-12 Luftwaffe Fighter Code No's. Black

& yellow solid & Stencil style £2.99

A-13 Luftwaffe Fighter Code Numbers £2.99

A-16 Luftwaffe WWII Underwing Crosses £2.99

A-17 Luftwaffe Upper Wing Crosses £2.99

A-18 RAF Squadron Code Letters Sky £2.99

A-20 RAF Post War Type D Roundels

and Fin Flashes £2.99

A-21 German Staffel markings £2.99

A-22 German Gruppe Markings £2.99

A-25 RAF Low Vis Roundels pink & pale blue £2.99

A-26 RAF Code Letters - Tornados & Jaguars £2.99

A-27 RFC/RAF WWI Roundels - Total of 58 £2.99

A-28 French WWI Roundels

Total 38 roundels in various sizes £2.99

A-29 German WWI Eiserner Kreuz 1916-17

Total 54 crosses £2.99

A-30 German WWI Balkan Kreuz 1918

Total 56 crosses £2.99

A-31 German WWI 4 Colour Loz.Upperwing. £2.99

A-32 German WWI 4 Colour Loz.Underwing. £2.99

A-33 German WWI 5 Colour Loz.Upperwing. £2.99

A-34 German WWI 5 Colour Loz.Underwing. £2.99

A-35 Luftwaffe Mid War Crosses sizes £2.99

A-37 Israeli Air Force Badges & Stencils £2.99

C RANGE 1:72

C-5 North Africa Allied Aircraft 1942, Hurricane IIB

274 Sqn RAF, Kittyhawk 2 Sqn RAAF, P-40F £2.99

C-6 Luftwaffe Protection Flights 1944-45

Fw 190D-9's £2.99

C-7 Ju 87 B/R Early War Years(1)

7/St.G 51 late 39 £2.99

C-8 Ju 87B/R Tropical Stukas (1)

6/St.G 2 with White Snake £2.99

C-9 Spitfire Mk 8/9 Victory in Sight '44-45 £2.99

C-10 Reichs Defense '44(1) Me 109G-5/R6 £2.99

C-11 Me Bf 109F Europe 1940 (1)E-4

ObstSchopfel 9/JG 26 £2.99

C-12 Tempest Mk V & Typhoon (1,2 & 3) £2.99

C-13 U.S. Navy Gulf Operations 1988 1 £2.99

C-14 U.S. Navy Gulf Operations 1988 2 £2.99

C-15 Me 109 Late War Incl. Eric Hartman(1)

Me 109G-6/U2 £3.25

S RANGE 1:72

S-1 RN Transatlantic Race/Rough Diamonds £2.99

S-2 RNZ Air Force Mustang IV 3 Sqn £2.99

S-3 H.P. Halifax BVII & Lancaster B1 £2.99

S-4 F-16A RNIAF Display a/c 75th anniv £2.99

S-5 1987 RAF Hawk Display Aircraft £2.99

S-6 NF-5A Ro. Netherlands AF 75th anni £2.99

S-7 RB-66, NB-66, WB-6 and EB-66 £2.99



nos 49, 50, 51 & 52 which this sheet also tells you you do not need; this would leave you with either four empty pylons or four slots in the wing where these pylons should go if you did not fit them. I opted to fit these pylons and the two extra tanks along with the Sidewinders as shown on the box artwork and photos. Now the perfectionists may say that the trainer versions didn't have these fitted but without them the aircraft would look a bit plain, the choice is yours.

When assembling the fuel tank part nos 49 to 52 it became clear that the shape of the two halves of each part were of a different profile around the nose, but a bit of scraping and sanding after assembly soon put this right. The tanks were fitted and the canopies masked and temporarily fitted ready for painting.

If you intend to display this model with the canopies open you will encounter slight difficulties. Firstly step 25 shows the canopy hinges but no part numbers. Of the parts in question, 25 & 26 go on the aft canopy and parts 60 & 61 go on the forward canopy. Now all you

have to do is fit them into the holes provided in the backs of each ejection seat! Here you will realise that the space between each hinge on each canopy is wider than the bracket on the ejector seat! I had to carefully bend each hinge inwards until the canopy hinges fitted the brackets; be very careful otherwise they will break. Nice idea, pity it's not quite right.

Colour Options

One of two aircraft can be modelled:

- No.316 Squadron, Royal Netherlands Air Force, Eindhoven 1990. Two tone grey: upper surfaces Medium Grey, lower surfaces Light Grey.
- Escuadron 212, ala. 21, Spanish Air Force, Moron AFB, Spain 1972. All over aluminium finish.

I went for option 1 of the Royal Netherlands Air Force using Humbrol Medium Grey (145) and Humbrol Light Grey (64), these being applied over a base coat of Halfords acrylic grey primer. Undercarriage and undercarriage bays were sprayed Humbrol Satin White (130) with the tyres painted

Revell Matt 6. When dry these were fitted along with the air brakes and gear doors. The exhaust nozzles were given a coat of Humbrol Gloss Black (21), allowed to dry then sprayed with Alclad II Stainless Steel with a mist coat of Alclad II Pale Burnt Metal and then fitted to the fuselage.

The canopies were given a coat of doubly thinned Revell Clear Blue 752, which gives them a bit more life and takes away the blandness of the clear plastic.

Accuracy

Dimensions given in World Aircraft Information Files state an overall length of 14.45m and a span of 8.53m including wingtip AAMs. I measured the model at (that's if my maths is right) length 14.3m, span 7.9m. So for accuracy it is almost there. More importantly, to me anyway, it certainly looks like a Northrop F-5B.

Decals

As described earlier there are two options for this kit. Decals are nicely printed with a minimum of carrier film. My option, that of the Royal

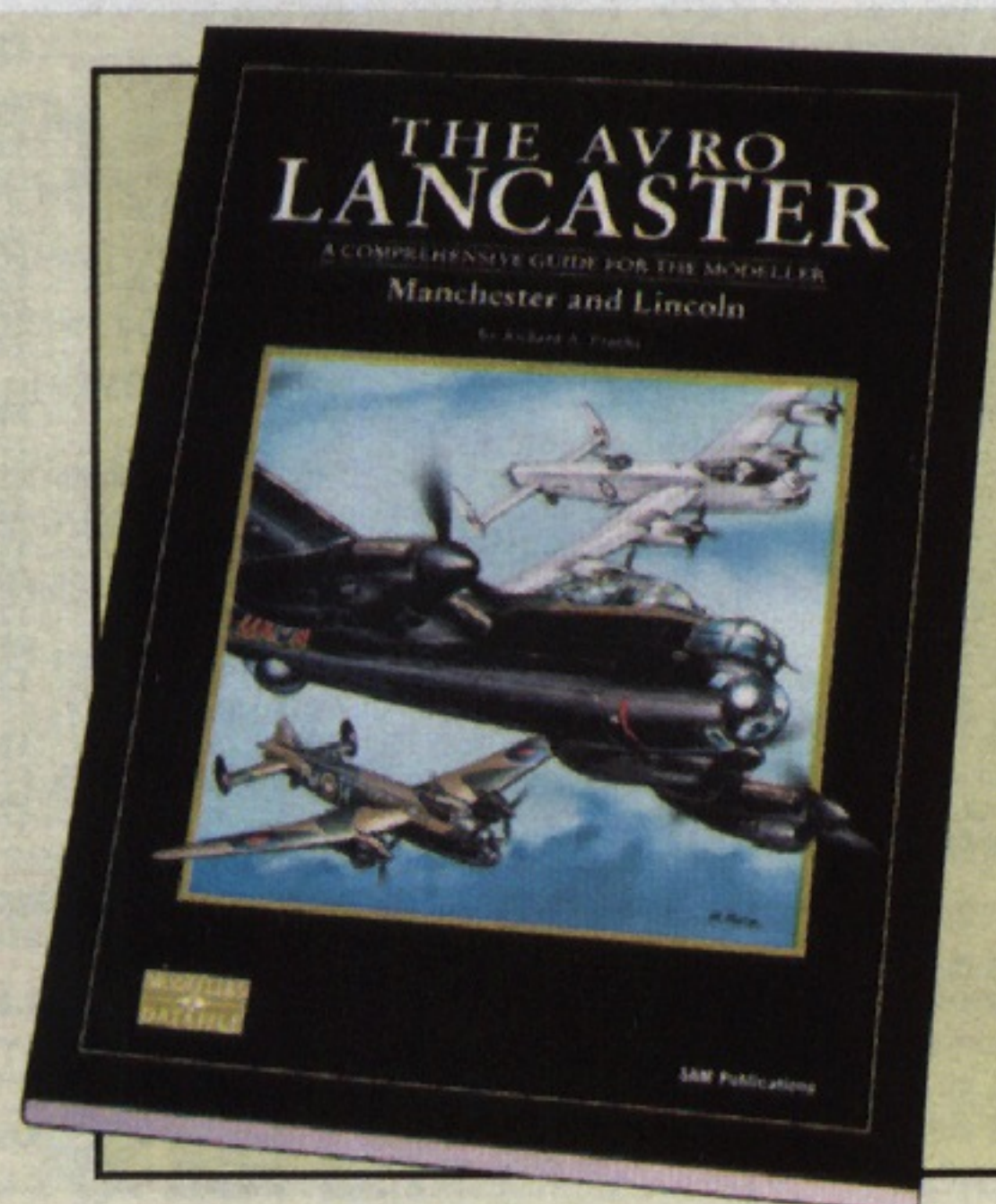
Netherlands Air Force, has four roundels in red, white and blue of which the red and blue were slightly out of alignment, apart from this no other errors can be seen. No problems were experienced during application, the decals went on well without the need for setting agents and dried without silvering. Decal Rating = 9/10.

Conclusion/Recommendation

Apart from a few niggly errors in the instructions, parts and the canopy fit, which can easily be overcome, this is a very nice little kit to build and goes together very easily and cleanly without having to resort to using copious amounts of filler. No major problems were experienced during build and when finished it gives a good representation of an F-5B. The detail on most of the parts is noteworthy and very subtle. I therefore recommend this kit to all, whatever age you are or skill level you have.

My thanks to Revell AG (UK Branch) for the review sample.

Andy McCabe



Operation Chastise Special

Modeller's Datafile Number 4 – The Avro Lancaster

To commemorate the 60th anniversary of the famous attack on the Ruhr Dams on May 17th 1943, SAM Publications bring you this very special offer.
(Normal RRP £17.99)

only **£9.99** + p&p

order hotline +44 (0)8707 333 373

WS LTD Widespread Solutions Ltd

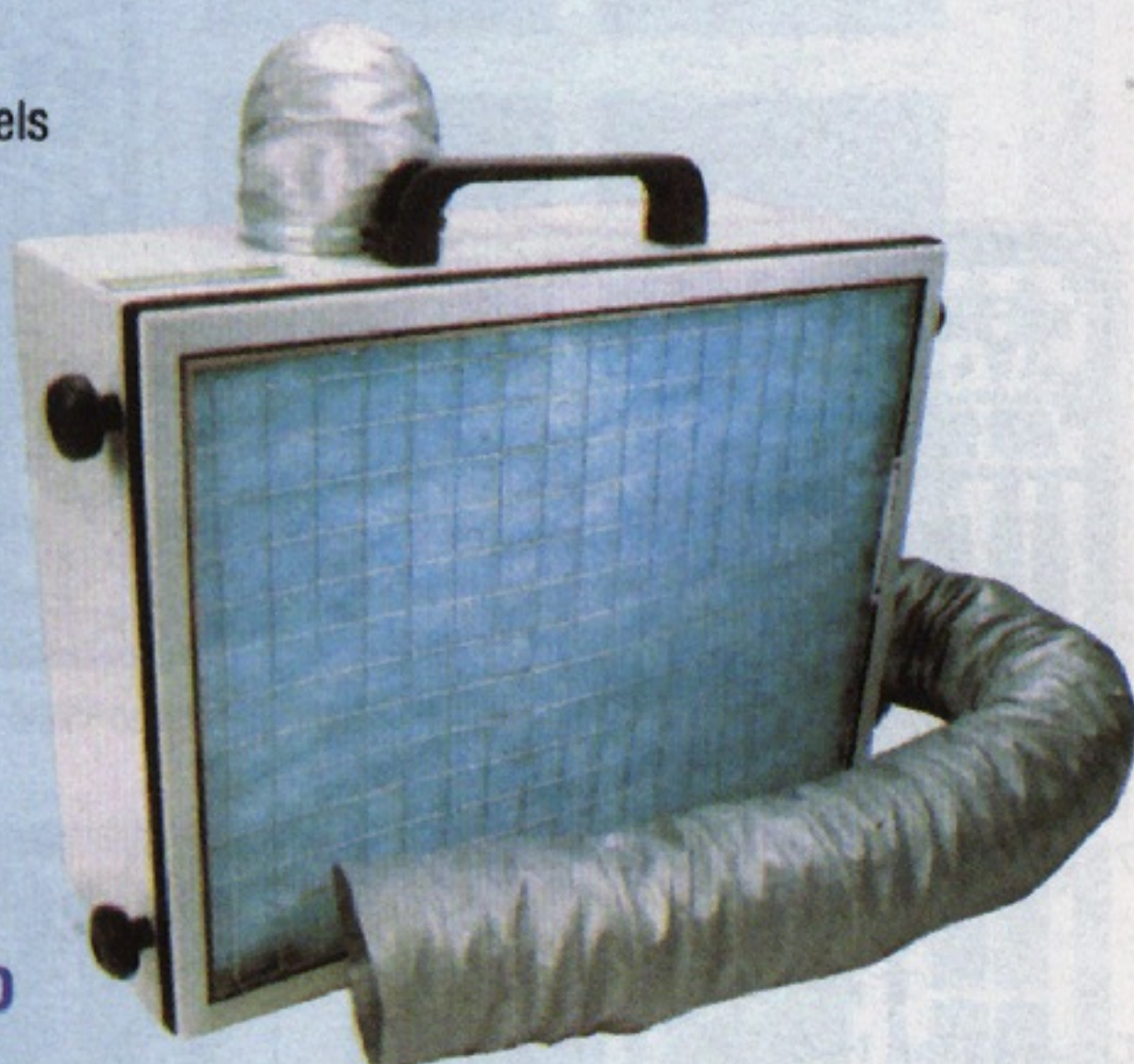
Benchtop Air Filtration & Extraction Equipment for a cleaner, healthier working environment

GRAPHIC AIR RANGE:

- Choice of sizes and models
- Low noise
- Easy Filter Change
- Quiet unobtrusive fans
- Powder Coated steel construction
- No installation costs
- Single phase supply
- Low power consumption
- Lifetime Warranty*

COMPACT DESIGN FOR EASY STORAGE WHEN NOT BEING USED

- Replaceable spray shield
- 2 mtr flexi - duct allows venting to outside
- Removes odours, fumes & gases from work area
- High volume 3 stage filter
- Carrying handle for portability
- New hand wheels for easier filter change
- Wide, easy accessible work area for artwork or 3D modules



www.graphicair.co.uk

Widespread Solutions Ltd, Unit 1, Levens Hall Park, Lund Lane, Killinghall, Harrogate, HG3 2BG. U.K.

Tel: + 44 (0)1423 522836 **Fax:** + 44 (0)1423 525656

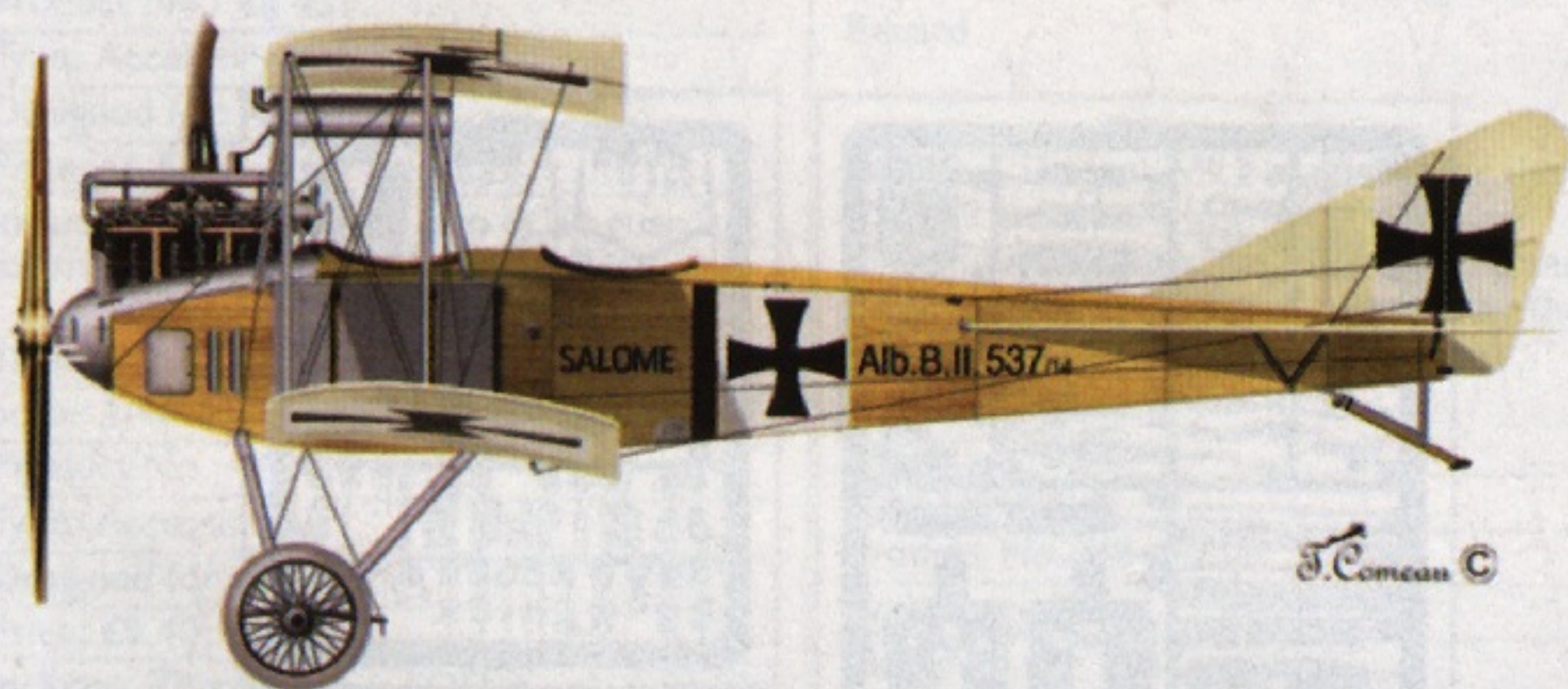
Email: sales@widespreadsolutions.co.uk

Website: www.widespreadsolutions.co.uk



CROSS & COCKADE INTERNATIONAL JOURNAL

THE FIRST WORLD WAR AVIATION HISTORICAL SOCIETY



Study aircraft of WWI in detail and in context ... squadron histories, biographies, profiles ... in our quarterly journal from the Society that researches and records all aspects of the first major air war

for further information contact

The Membership Secretary (Ref SAM)

11 Francis Drive, Westward Ho! EX39 1XE

email: cci@blueyonder.co.uk

12 month aviation art calendar 2004 available now from the above address £10.00 inc p&p (UK)

Visit **WINGS&WIRES** at **www.crossandcockade.com**

Strap yourself in and take off for an Ian Allan Bookshop



NEW & RECENT TITLES

- The Dam Busters: An Illus. Hist. of No.617 Squadron.....£29.95
The Dam Busters: Official RAF 60th Anniversary DVD.....20.00
The Dam Busters: Official RAF 60th Anniversary Video.....12.99
No.352 (Y) Squadron RAF (Jelvic).....26.95
Sunrise Till Sunset: No.349 (Belgian) Squadron RAF (Guy de Win)....3 vol set 59.95
The Greatest Squadron of Them All: No.603 Vol. I: 1925-41 (Ross).....30.00
Vol II: 1941 to the Present (Ross).....30.00
Japanese Army Air Force Units, Pt. I (Fiser).....15.99
Landfall Ireland: The Story of Allied & German Aircraft That Came Down in Eire in WWII (MacCarron).....13.99
Hampden Squadrons in Focus (Postlethwaite).....17.95
Hurricane Squadrons in Focus, Part I: NW Europe & Malta (Birtles).....17.95
The P-40 Curtiss 1940-45 (Bied).....9.95
Buffaloes Over Singapore 1941-42 (Cull).....19.99
Legacy of the DC-3 (Holden).....24.95
Corsair 1940-70: 30 Years of Filibustering (Pautigny).....23.95
The Hostile Sky: A Hellcat Flyer in WWII (Veron).....19.50
Dornier Do 335: An Illus. History.....39.95
Junkers Ju87 Jet-Bomber der Welt (Lommel).....19.95
HT Model Special: MMI-24 D/DU/V Hind.....11.99
Les Crusader Francais in Action (Gall).....44.95
Northrop P-61 & F-15 Black Widow (Balous).....10.95
European Air Arms 2003 (Carroll).....5.95
European Air Forces Directory 2003/04.....16.95
United Kingdom Air Arms 2003.....5.95
United States Air Arms 2003 (Carroll).....35.95
Jane's Airlines & Airliners (Flack).....30.00
Boeing Widebodies (Haenggi).....9.99
British Flying Boats (London).....25.00
Airline Fleets 2003 (Air Britain).....22.50
UKQR 2003: UK & Ireland Civil Aircraft Registers (Air Britain).....6.95
Business Jets International 2003.....17.50
Airlife's Airlines & Airliners No.7: BAC One-Eleven.....9.95
The Pre-Astronauts Manned Ballooning (Ryan).....12.99
Concorde Tricolori 2003.....11.99
Renouveau de l'Aviation Francaise.....12.95
Crowood Aviation Series:
Petyakov PE-2 Peshka (Smith).....29.95
Velka Valka Rakousko-Uherske (Hajny).....12.99
Russian Aircraft Registrations 2003 (Fiser).....9.95
International Air Power Review, Vol. 8.....13.95
Euro Modelismo Monograph:
No.10: Aircraft in Africa, Part 2.....14.99
Mini Lotnicze:
No.19: JG 301 (Muranski).....9.99
No.20: 3/202 Kokutai (Pajdosz).....9.99
No.21: St.G.2 "Immelmann" (Marawski).....9.99
No.22: 112 Shark Squadron 1942-45.....9.99
Naval Fighters:
No.61: Grumman F-9F Panther, Part 3.....18.95
Squadron Signal:
No.1043: P-39 Airacobra in Action.....8.75
No.1602: Mini in Action: P-26.....5.50

Warpaint:

No. 40: Canadair CL-13 Sabre...12.50

Windcock Datafile Special:

Breguet 14 (Toelle).....23.00

Aircraft of the Aces:

No.44: Gloster Gladiator Aces...12.99

No.46: Austro-Hungarian Aces of WWI (Chant).....12.99

No.50: Hungarian & Bulgarian Aces of WWI (Punka).....12.99

No.51: Down to Earth Strafing Aces...14.99

No.52: Sopwith Camel Aces of WWI (Norman Franks).....12.99

No.53:Fokker D.VII Aces of WWI...12.99

No. 54: Rumanian Aces of WWII...12.99

No.55: P-40 Warhawk Aces of the Pacific (Molesworth).....12.99

Aviation Elite Units:

No.3: 91 Nigeria Squadron.....13.99

No.10: No.43 Fighting Cocks Squadron...13.99

No.11: 303rd Bombardment Group...13.99

No.12: Jagdgeschwader 27 "Afrika"...13.99

Combat Aircraft:

No.39: B-17 Flying Fortress in the Pacific (Bowman).....13.99

LINES STOCKED

IAN ALLAN

CLASSIC PUBLICATIONS

HAYNES

HIKOKI

MIDLAND PUBLISHING

MONOGRAFIE LOTNICZE

OSPREY

Aircraft of the Aces

Aviation Pioneers

Combat Aircraft

Elite Units

Modellers' Compendiums

SCHIFFER

TEMPUS

and many more....

WHERE TO FIND US...

45-46 LOWER MARSH

LONDON SE1 7RG

TEL: 020 7401 2100

FAX: 020 7401 2887

47 STEPHENSON STREET

BIRMINGHAM B2 4DH

TEL: 0121 643 2496

FAX: 0121 643 6855

THE AVIATION EXPERIENCE

3rd FLOOR, MAIN TERMINAL

BIRMINGHAM INTERNATIONAL

AIRPORT, B26 3QJ

Tel: 0121 781 0921

Fax: 0121 781 0928

5 PICCADILLY STATION APPROACH

MANCHESTER M1 2GH

TEL: 0161 237 9840

FAX: 0161 237 9921

NEW BRANCH...

31 ROYAL ARCADE

CARDIFF CF10 1AE

TEL: 02920 390615

FAX: 02920 390621

HIGHLY RECOMMENDED

Missing! Aircraft Missing In New Zealand, 1938-2000

Illustrated £29.95

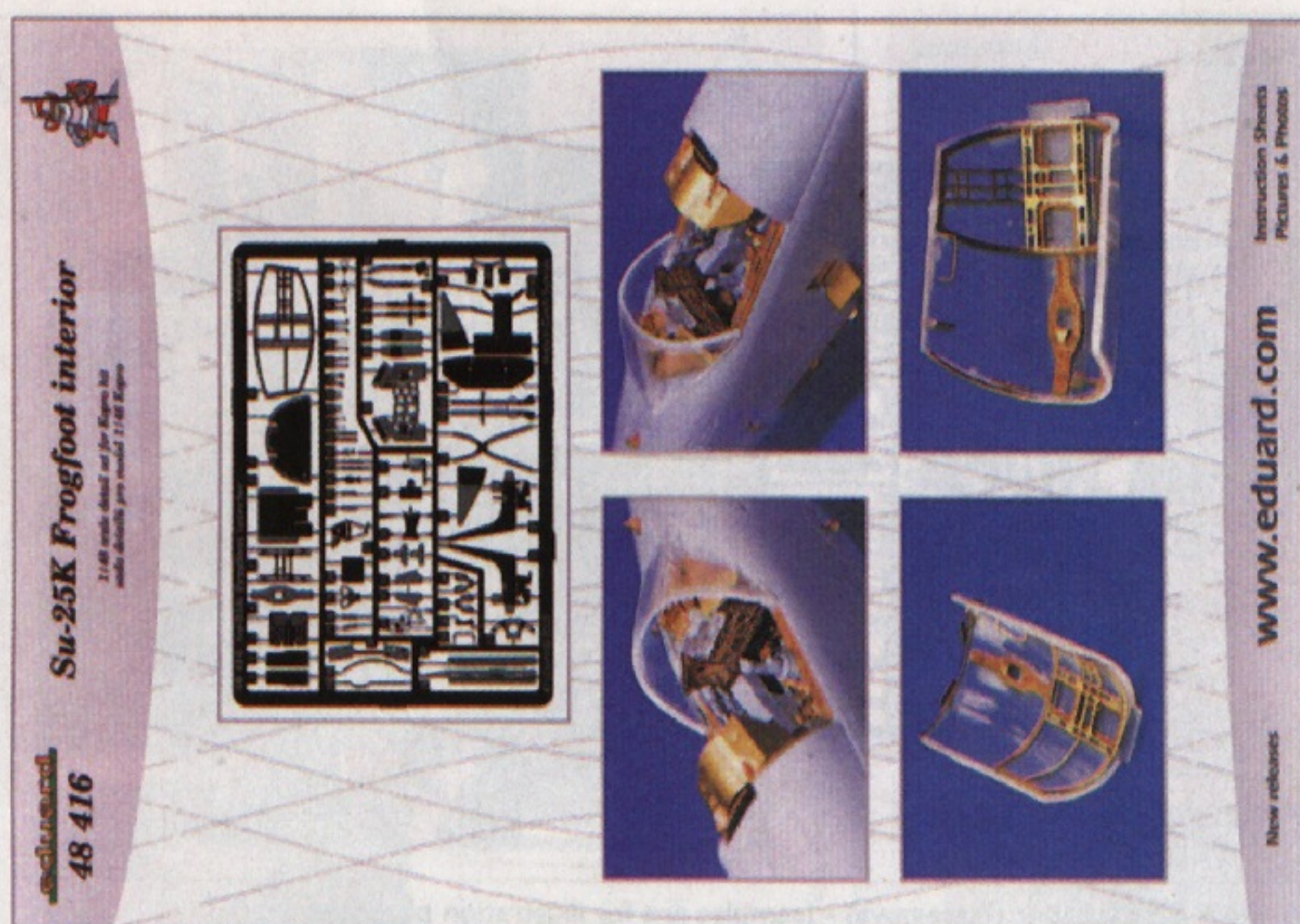
MAIL ORDER POST AND PACKING:

UK: 10% of order value (min. £2.50). Orders worth £50.00 or more post-free.
Overseas: 15% of order value (min. £4.00); 10% for orders worth £150 or more.

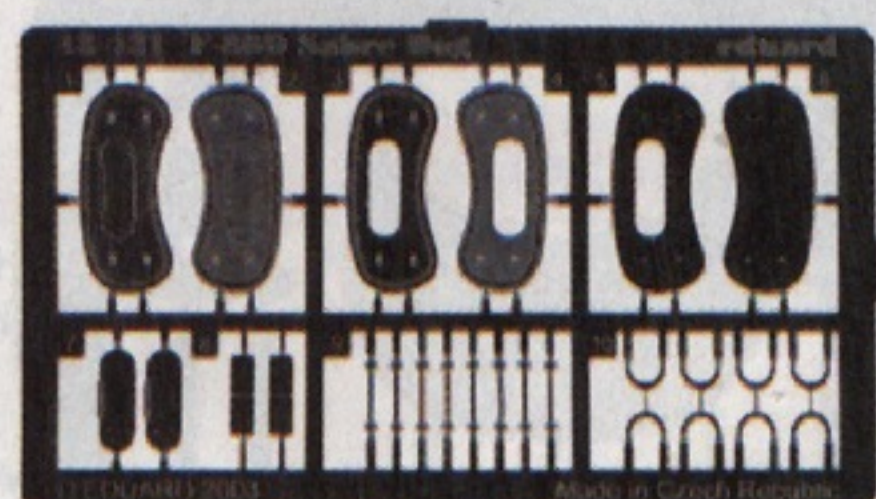


and sterling cheques accepted.

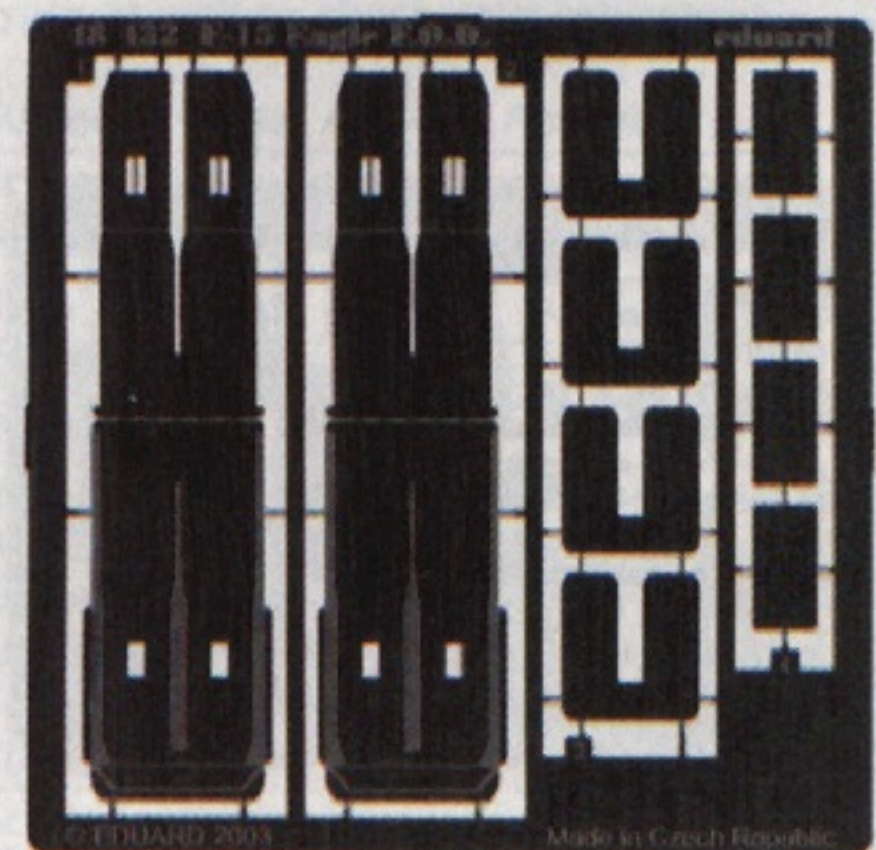
e-mail: ianallanbookshops@talk21.com



48 416 Sukhoi Su-25K Frogfoot (Kopro) - [samples are for illustration purposes only]



48 431 N.A. F-86D Sabre Dog (Revell) - Eduard



48 432 G.D. F-15 Eagle (Revell) - Eduard

Subject: N.A. F-86D Sabre Dog

Scale: 1/48th

Product No.: 48 431

Type: Accessory

Designed for: Revell kit

Price: £6.50

Includes: This set offers two FOD guards for the 'Pro-Modeler' Sabre Dog kit.

Subject: G.D. F-15 Eagle

Scale: 1/48th

Product No.: 48 432

Type: Accessory

Designed for: Revell kit

Price: £9.40

Includes: This set offers FOD guards for both intakes on the Revell or Monogram kits.

Subject: Grumman F-14 Tomcat

Scale: 1/48th

Product No.: 48 433

Type: Accessory

Designed for: Hasegawa kit

Price: £5.25

Includes: This set offers two complete sets of FOD guards for the Tomcat.

Subject: McDD F-4 Phantom

Scale: 1/48th

Product No.: 48 434

Type: Accessory

Designed for: Hasegawa kit

Price: £6.50

Includes: This set offers two complete sets of FOD guards for any version of the F-4.

Subject: Soviet AA Missile Set

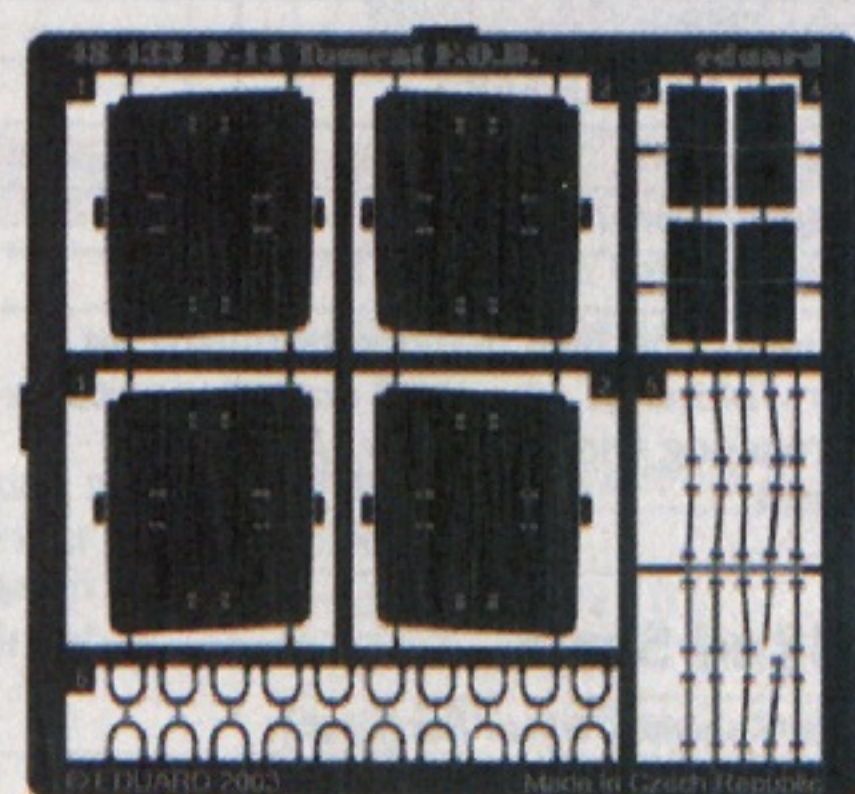
Scale: 1/48th

Product No.: 48 435

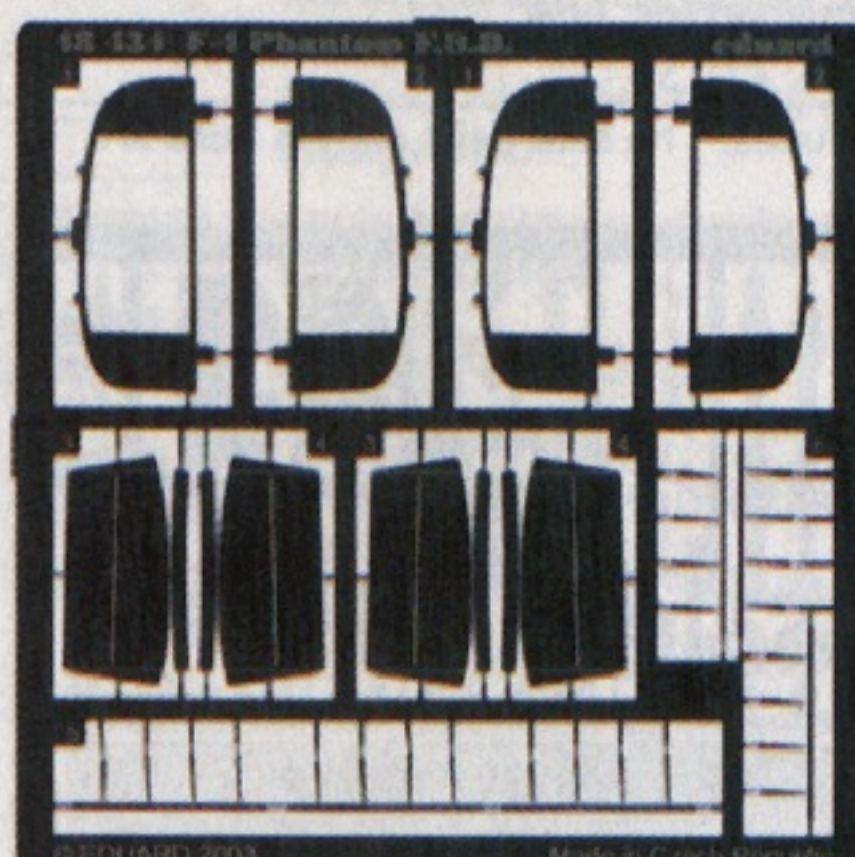
Type: Accessory

Designed for: Academy kits

Price: £9.25



48 433 Grumman F-14 Tomcat (Hasegawa) - Eduard



48 434 McDD F-4 Phantom (Hasegawa) - Eduard

Includes: This set will be suitable for the MiG-29 and Su-27 from Academy and offers fins and other details for R-73E and R-60M anti-aircraft missiles carried by these two types.

Subject: Mig-29

Scale: 1/48th

Product No.: 48 437

Type: Accessory

Designed for: Academy kit

Price: £7.99

Includes: This set offers two crawl-boards and a crew access ladder for the MiG-29.

Subject: F-8E Crusader

Scale: 1/48th

Product No.: 48 440

Type: Detail Set

Designed for: Hasegawa kit

Price: £9.25

Includes: This set offers instrument panel (two versions), side consoles, sidewalls, rudder pedals, seat belts, ejection seat sides, nose and main oleo leg compression linkage, mainwheel well details, undercarriage door interiors, various blade antennae and details for the interior of the variable angle wing mechanism.

Subject: F-8E Crusader

Scale: 1/48th

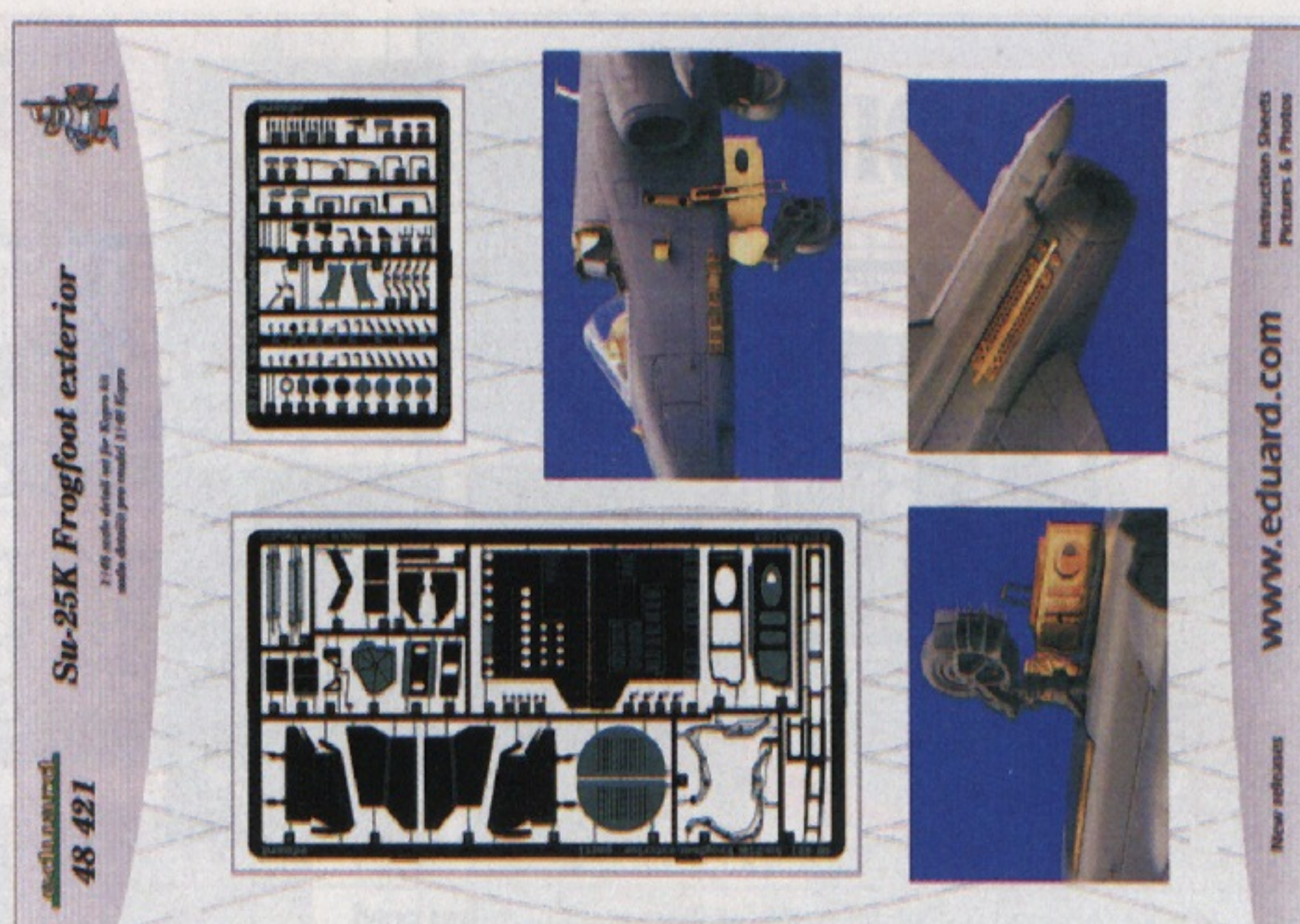
Product No.: 48 441

Type: Accessory

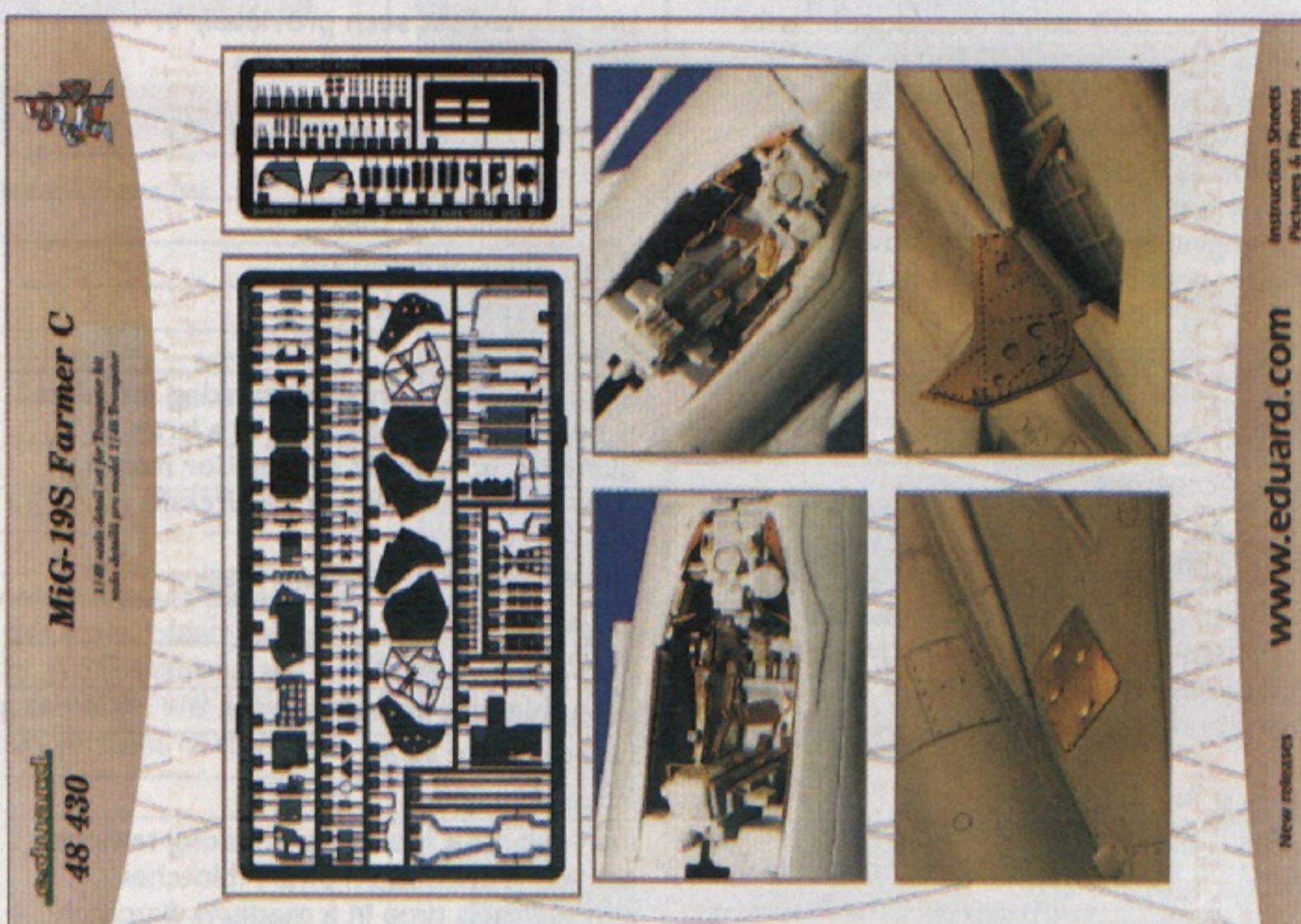
Designed for: Hasegawa kit

Price: £5.25

Includes: This set offers one complete FOD guard for the F-8E.



48 421 Sukhoi Su-25K Frogfoot (Kopro) - [samples are for illustration purposes only]



48 430 MiG-19S [Farmer C] (Trumpeter) - [samples are for illustration purposes only]

Subject: Arado Ar 234C-3

Scale: 1/48th

Product No.: 48 442

Type: Accessory

Designed for: Revell kit

Price: £12.60

Includes: This set offers a new canopy-mounted instrument panel, side consoles and instrument panels (two styles), rudder pedals, bulkhead details, canopy hatch handles and linkage, main oleo leg compression linkage and details, DF loop, main wheel well details and main wheel undercarriage doors

Subject: Sukhoi Su-25K Frogfoot

Scale: 1/48th

Product No.: 48 443

Type: Detail Set

Designed for: Kopro kit

Price: £TBA

Includes: yet another set for the Kopro kit, this one deals with armament. it offers fins

and details for the outboard missiles, tails for two styles of bombs and the end cones for the rocket launchers.

Subject: Republic P-47D

Scale: 1/48th

Product No.: 49 198

Type: Accessory

Designed for: Tamiya kit

Price: £10.50

Includes: This is a pre-painted set that offers both wings ammunition bays complete with ammunition belts. These latter items are the only pre-painted elements, the bays themselves being supplied unpainted.

Subject: Republic P-47D

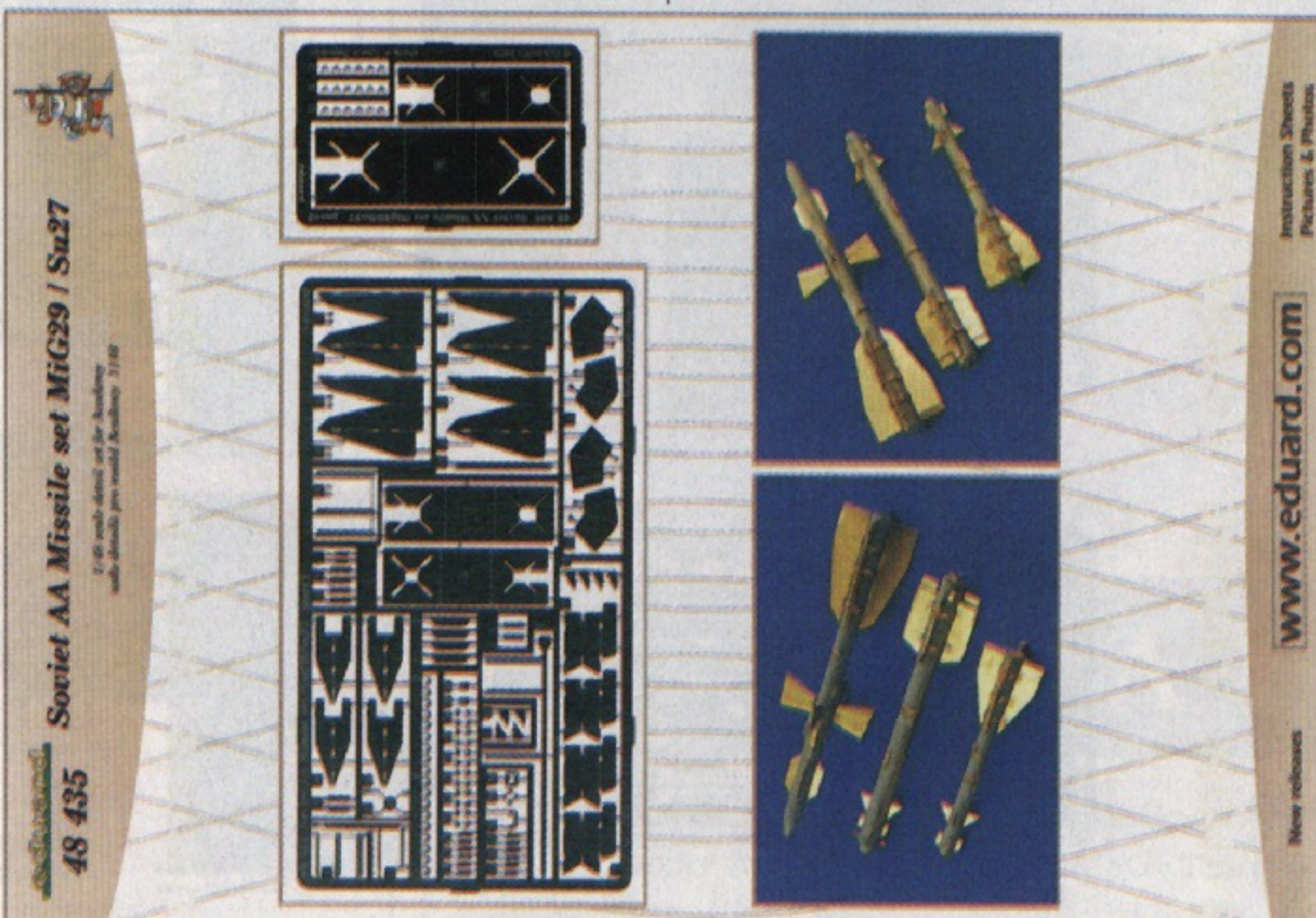
Scale: 1/48th

Product No.: 49 226

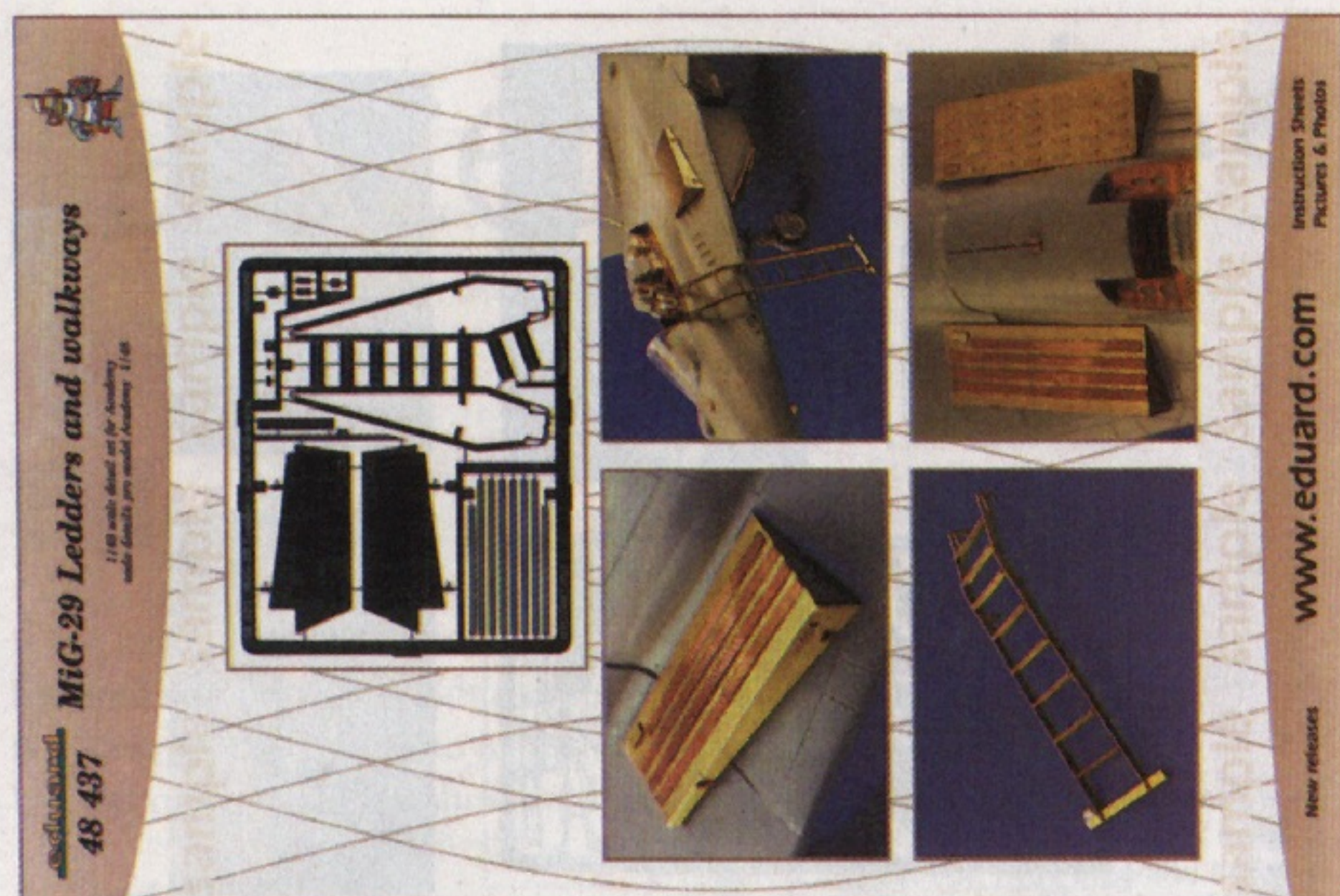
Type: Accessory

Designed for: Tamiya kit

Price: £10.50



48 435 Soviet AA Missile Set - [samples are for illustration purposes only]



48 437 Mig-29 (Academy) - [samples are for illustration purposes only]

Includes: This is another pre-painted set, although actually only the cockpit interior elements on sheet #FE226 are actually painted, the other two sheets are unpainted. The set offers a full cockpit interior, seat belts, rudder pedals, instrument panel, gunsight and sidewalls, plus engine ignition harness, cowl gills linkage, undercarriage bay and door details.

Subject: Republic P-47D

Scale: 1/48th

Product No.: FE 197

Type: Accessory

Designed for: Tamiya kit

Price: £TBA

Includes: This is another pre-painted set and offers all the placards for the cockpit area of this kit, plus those seen on the engine and oleo legs.

Subject: Republic P-47D

Scale: 1/48th

Product No.: FE 226

Type: Accessory

Designed for: Tamiya kit

Price: £6.50

Includes: This is actually the cockpit interior pre-painted set seen previously in #49 226.

Subject: Blotch - Large Mask

Scale: 1/48th

Product No.: XF 566

Type: Masking template

Designed for: N/A

Price: £10.65

Includes: This is another masking template set and it offers 'blotches' in a large diameter on a sheet suitable for masking wing areas on 1/48th scale aircraft.

Subject: Blotch - Medium Mask

Scale: 1/48th

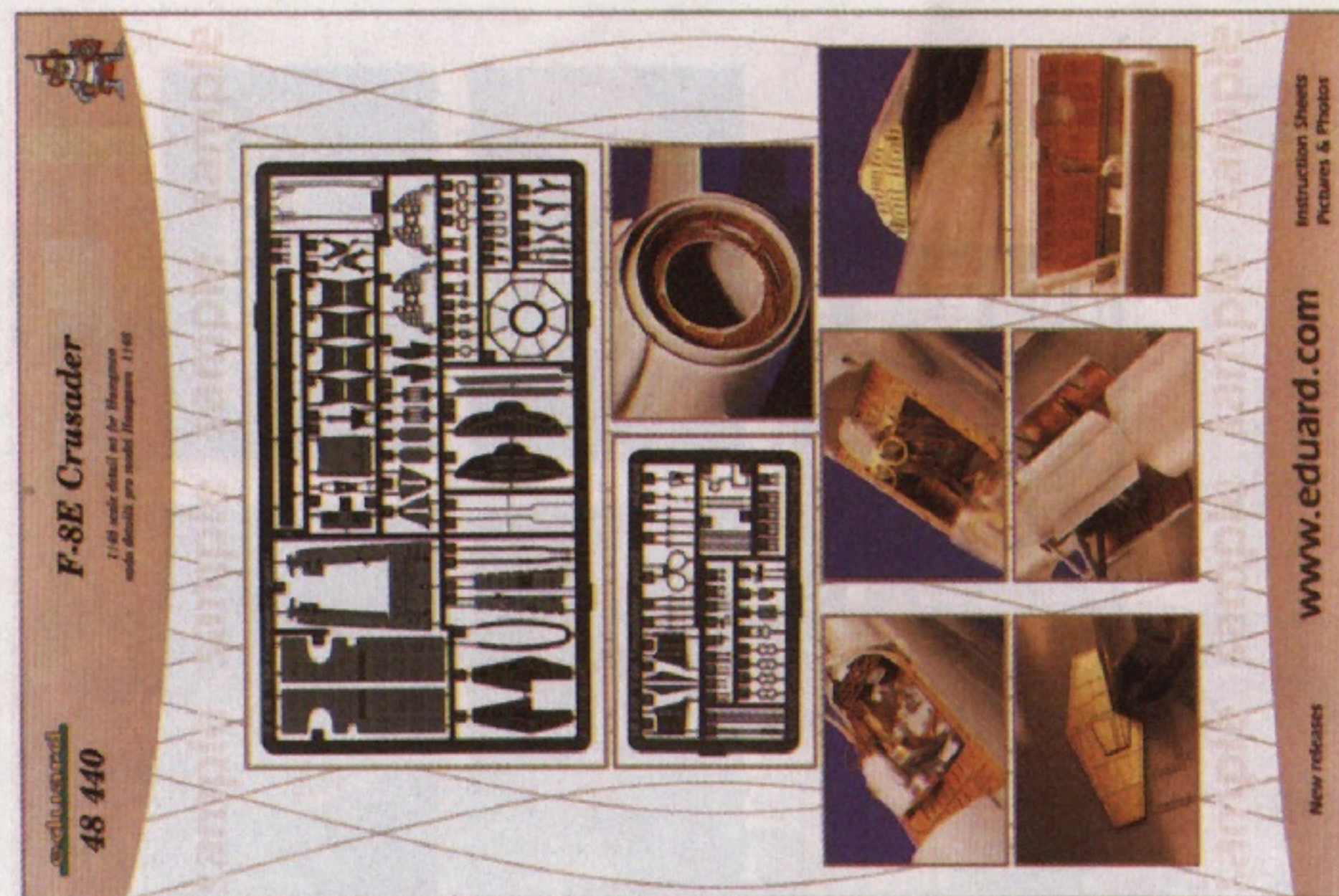
Product No.: XF 567

Type: Masking template

Designed for: N/A

Price: £10.65

Includes: This is another masking template set and it once again offers 'blotches', although this time in a medium diameter suitable for masking wing areas on 1/48th scale aircraft.



48 440 F-8E Crusader (Hasegawa) - [samples are for illustration purposes only]

Subject: Blotch - Small Mask

Scale: 1/48th

Product No.: XF 568

Type: Masking template

Designed for: N/A

Price: £10.65

Includes: This final masking template set offers 'blotches' in a small diameter suitable for masking wing areas on 1/48th scale aircraft.

1/32nd Scale

Subject: Seat Belts, RAF [Late]

Scale: 1/32nd

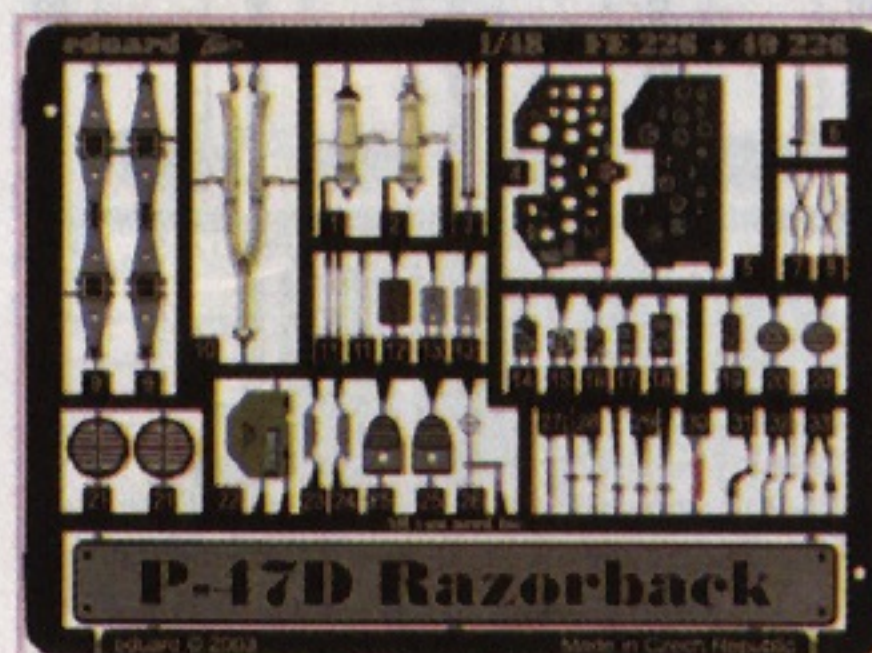
Product No.: 32 096

Type: Accessory

Designed for: N/A

Price: £10.50

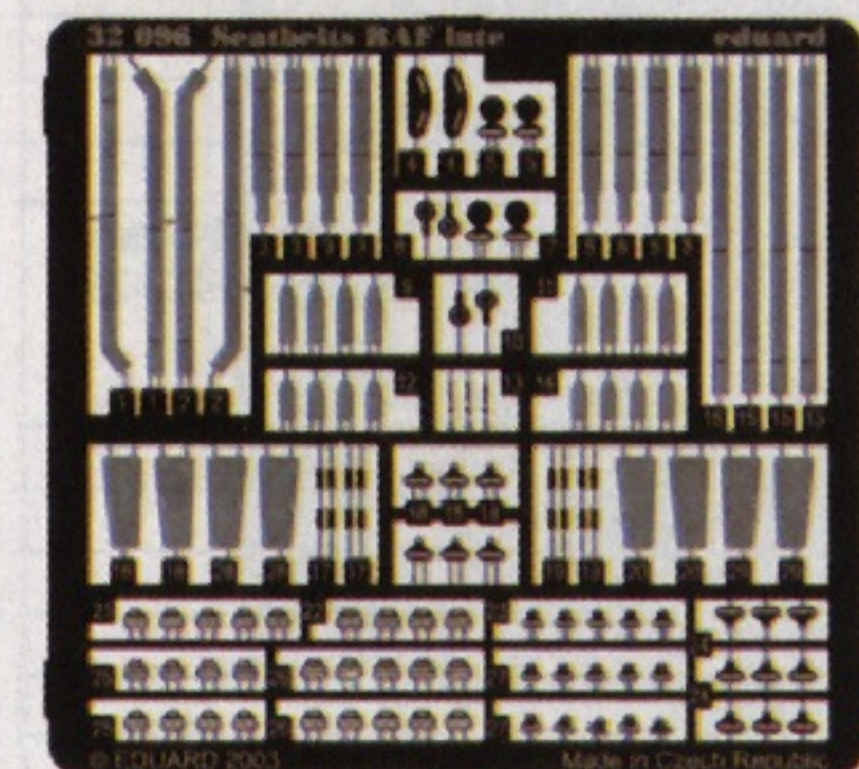
Includes: The seat belts shown here are



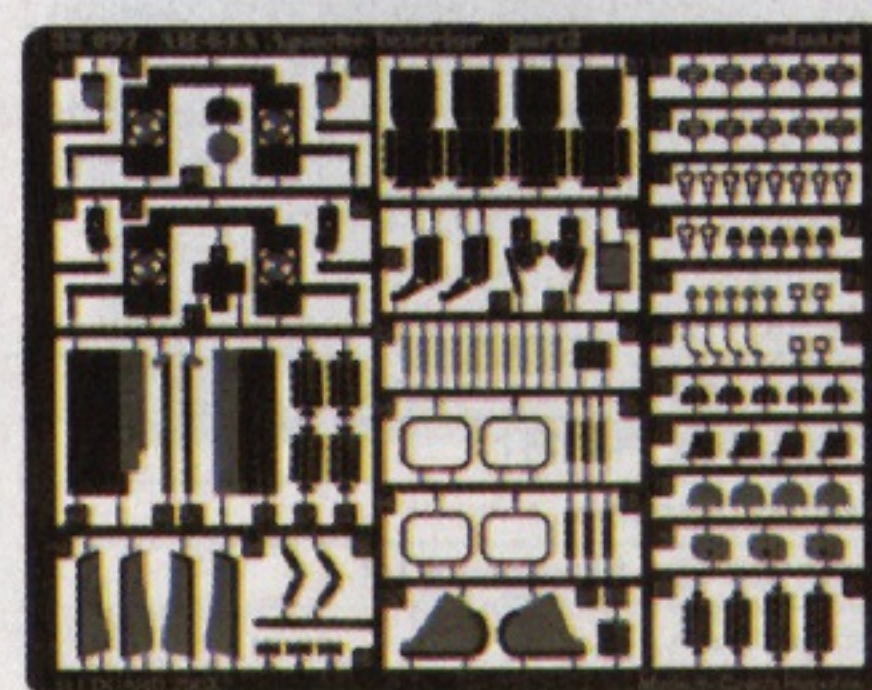
FE 226 Republic P-47D (Tamiya)



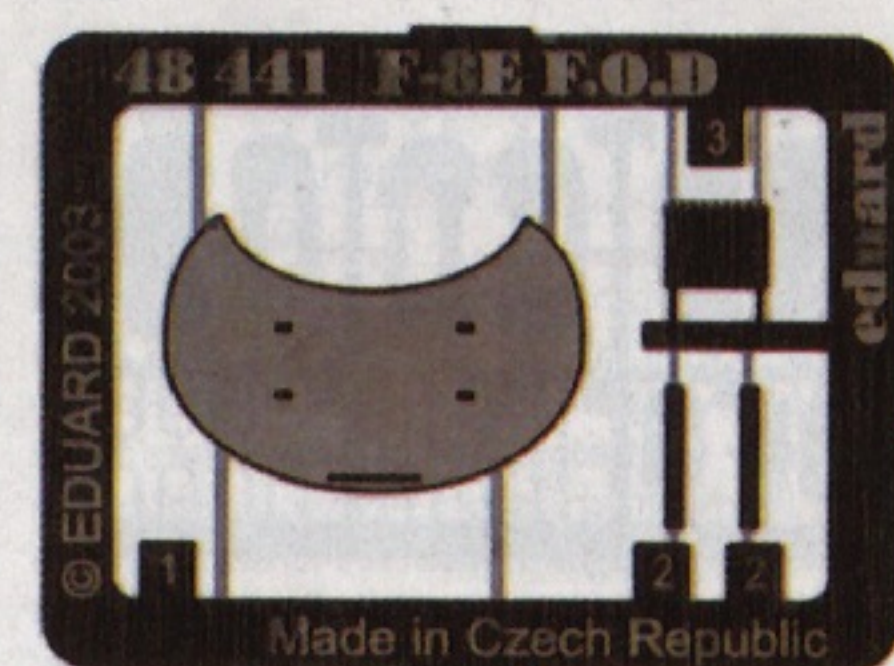
XF 567 Blotch - Medium Mask



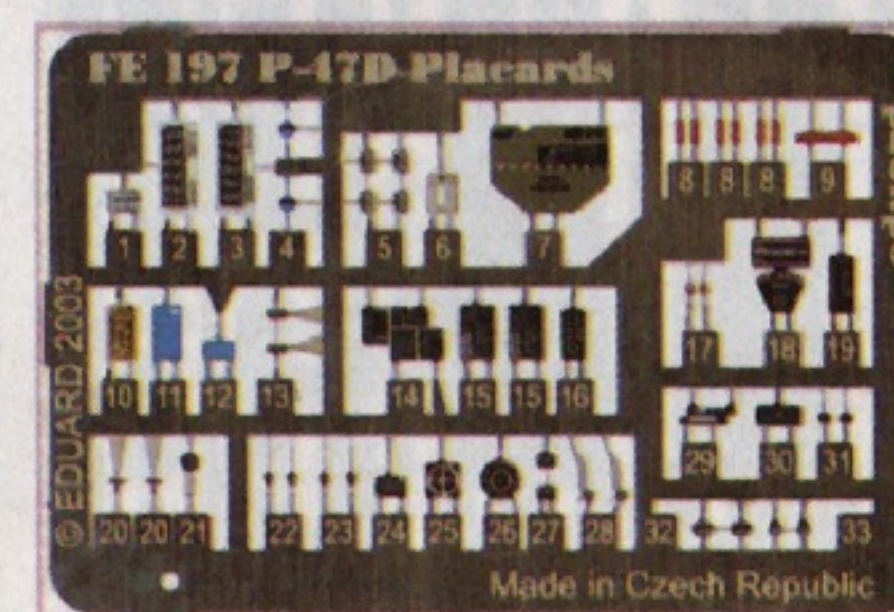
32 096 Seat Belts, RAF [Late]



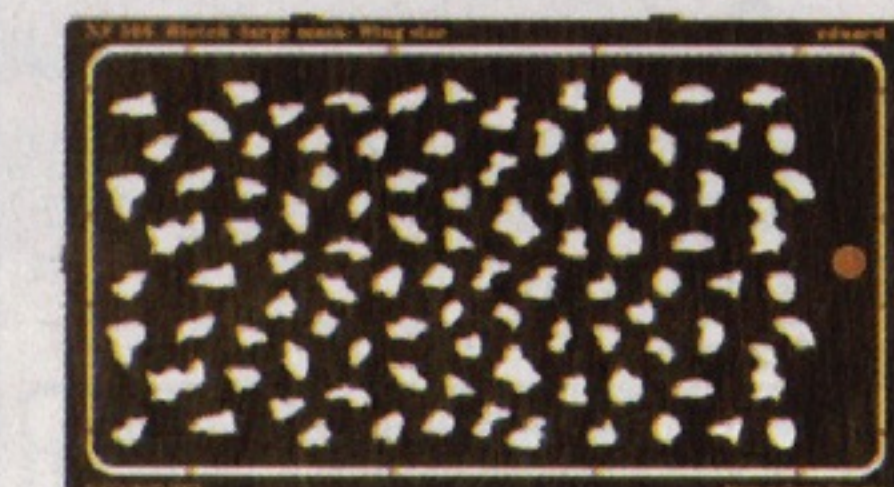
32 097 Hughes AH-64A Apache (Kangham)



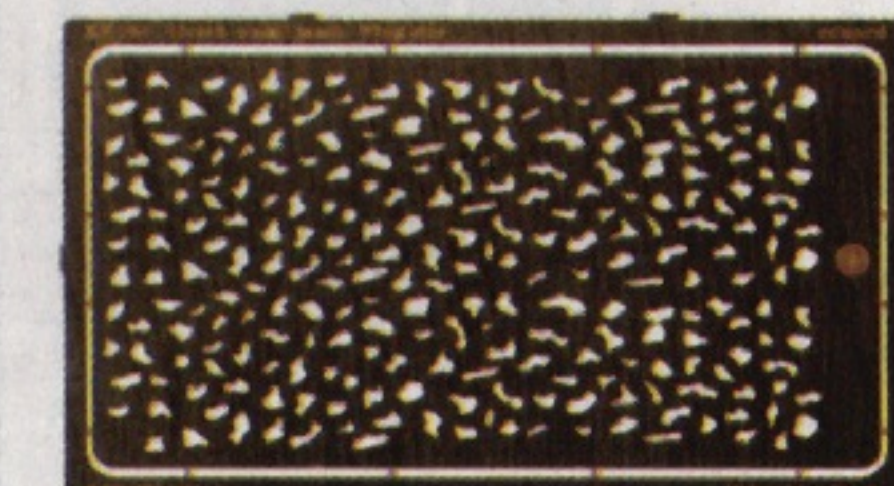
48 441 F-8E Crusader (Hasegawa)



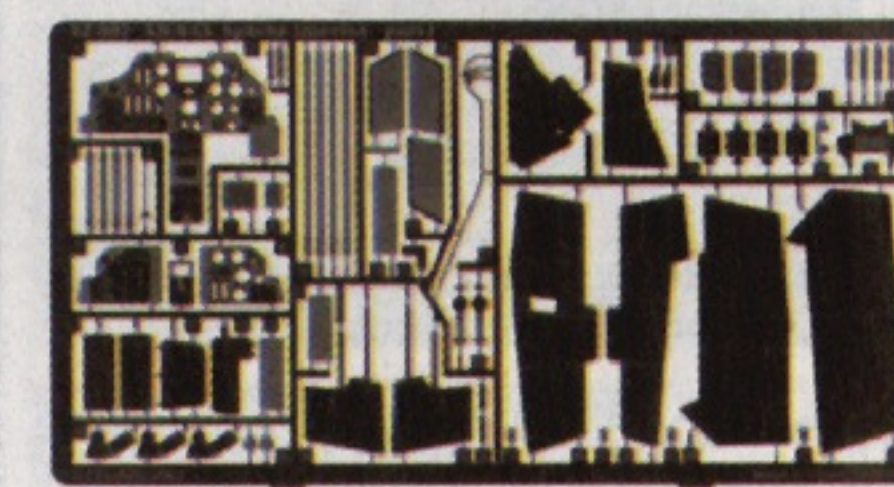
FE 197 Republic P-47D (Tamiya)



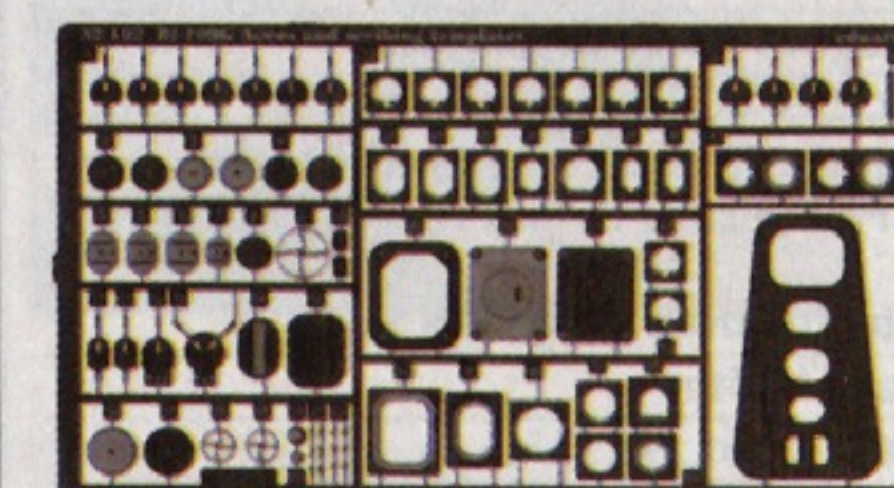
XF 566 Blotch - Large Mask



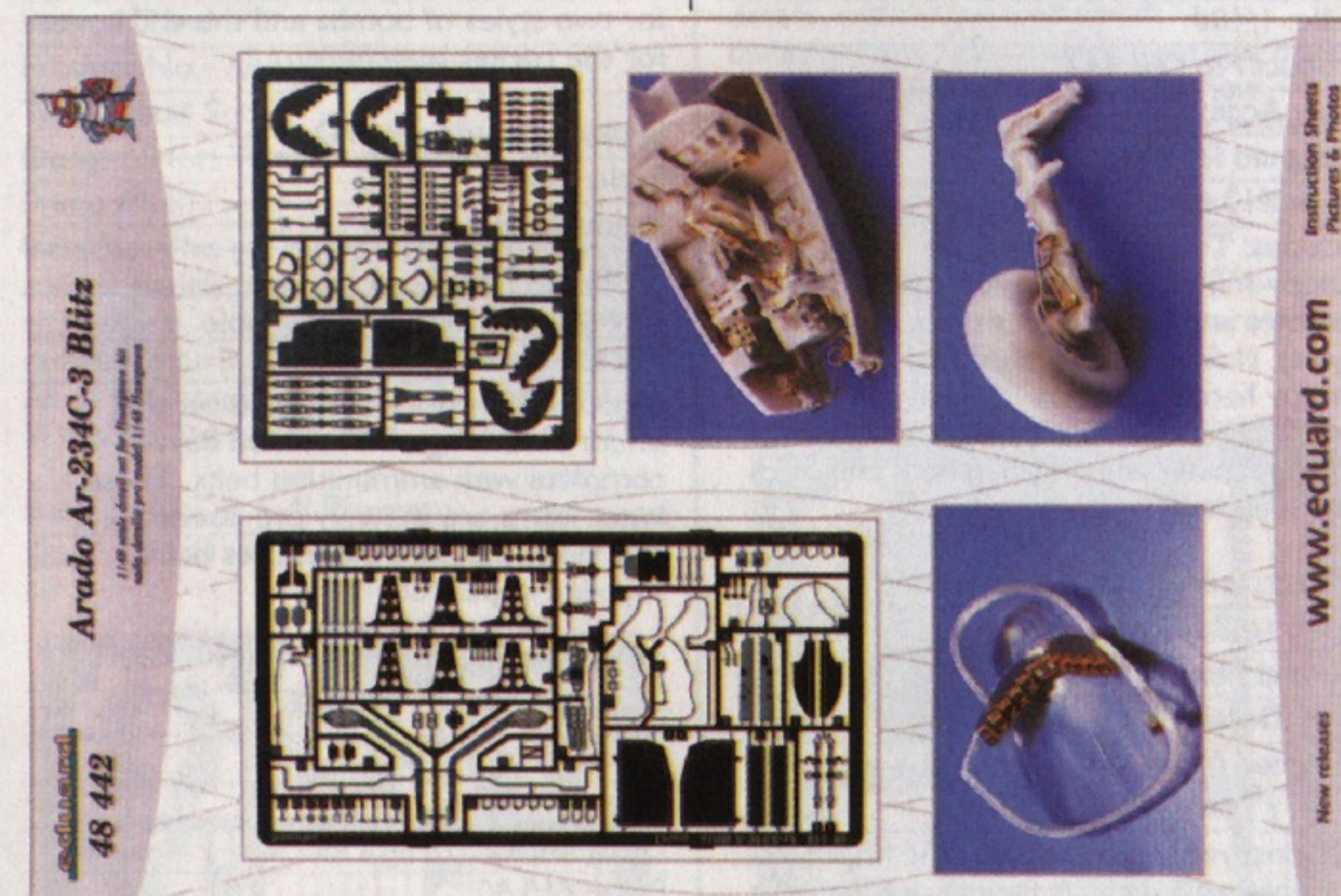
XF 568 Blotch - Small Mask



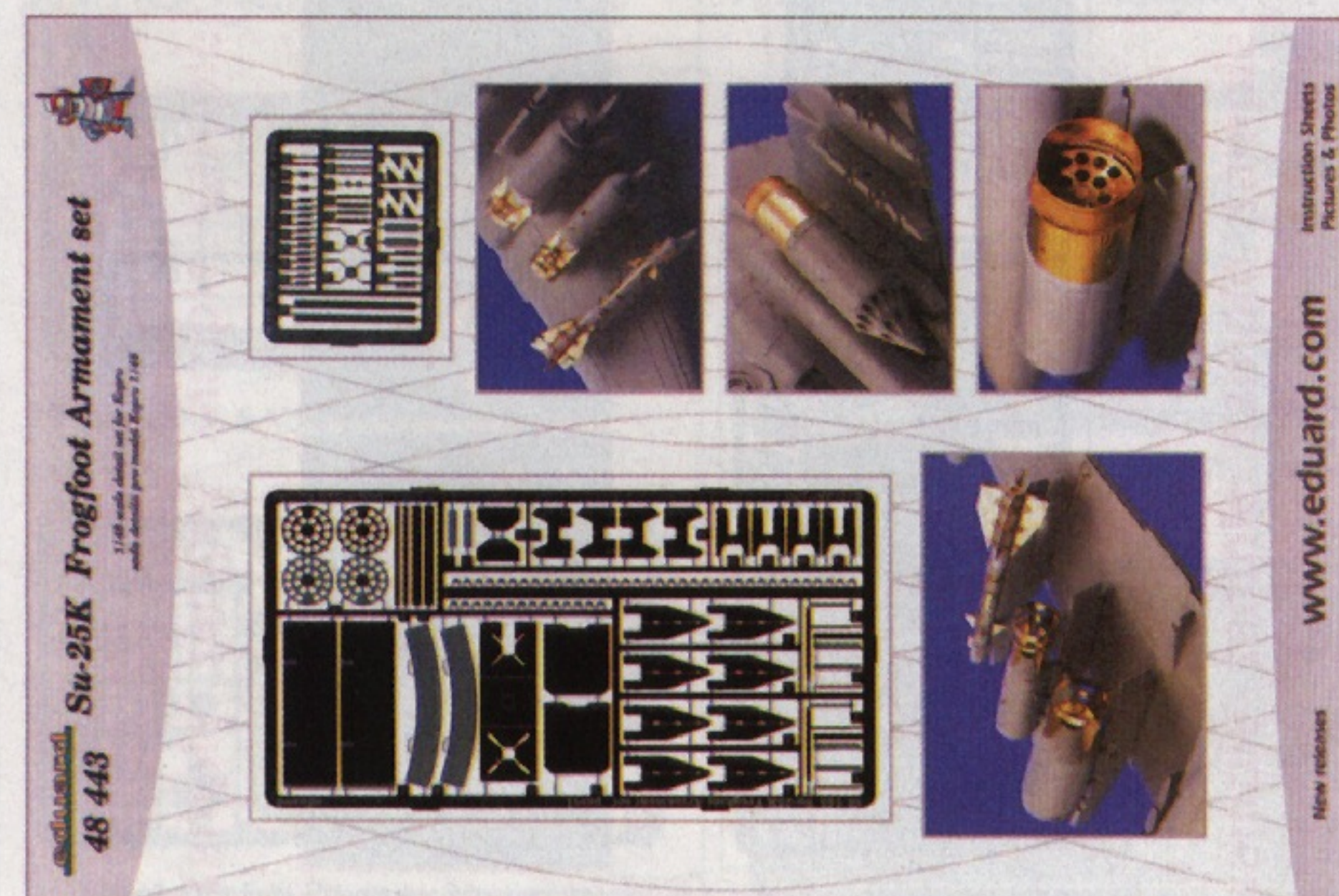
32 097 Hughes AH-64A Apache (Kangham)



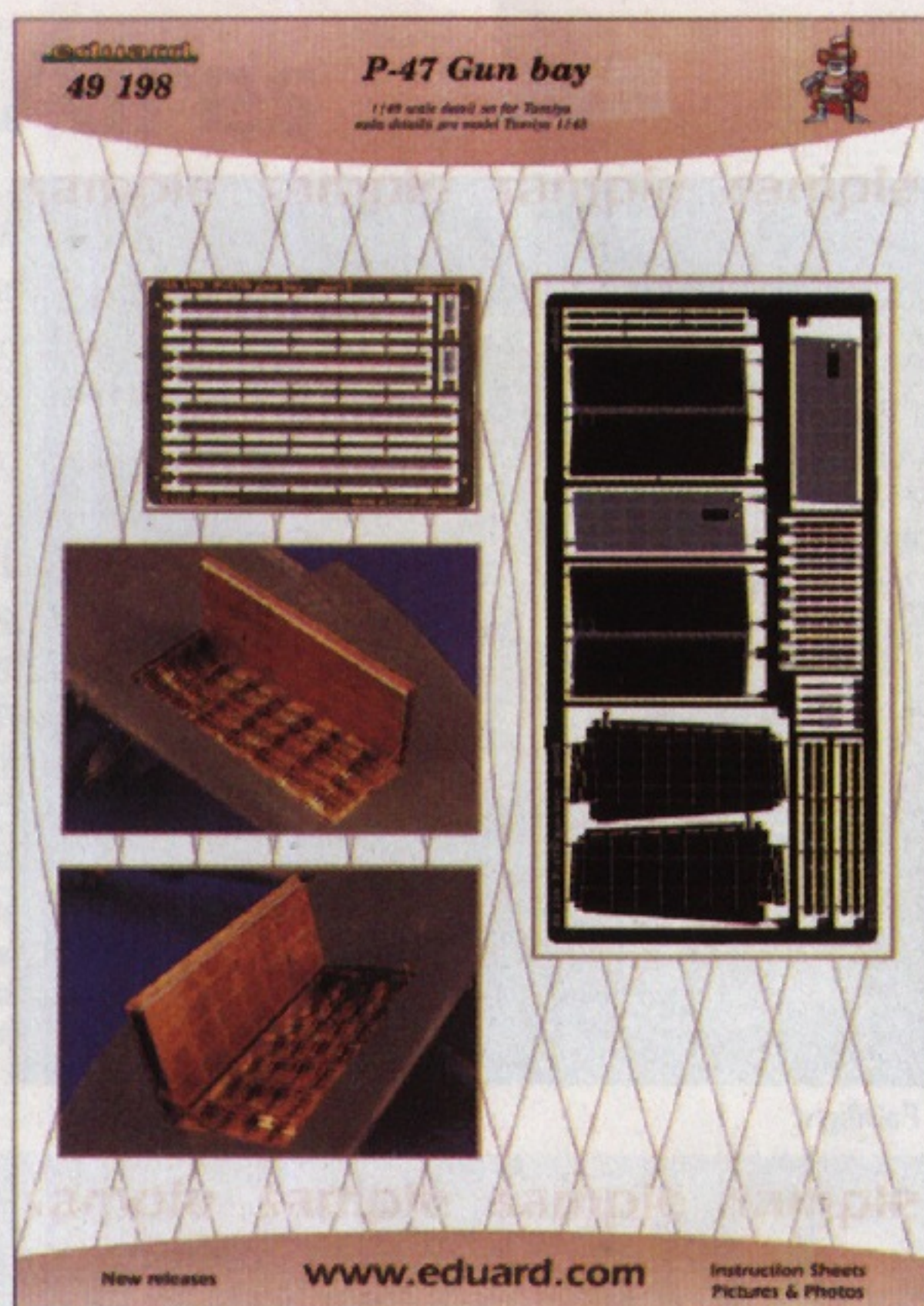
32 102 Messerschmitt Bf 109G (Hasegawa/Revell)



48 442 Arado Ar 234C-3 (Revell) - [samples are for illustration purposes only]



48 443 Sukhoi Su-25K Frogfoot (Kopro) - [samples are for illustration purposes only]



49 198 Republic P-47D (Tamiya) - [samples are for illustration purposes only]

WWII vintage, not modern as the 'late' bit in the title may suggest. The fret offers belts of two styles, the former most certainly seen on early Spitfires and the latter on the later marks, although these will fit various other British types as well so check your references.

Subject: Hughes AH-64A Apache

Scale: 1/32nd

Product No.: 32 097

Type: Detail set

Designed for: Kangham kit

Price: £16.20

Includes: This set offers various interior details for the Apache. These include seat belts, seat armour, side consoles, instrument panel, rear and mid bulkhead details and various handles and details inside the canopy area.

Subject: Focke-Wulf Fw 190D-9

Scale: 1/32nd

Product No.: 32 100

Type: Detail set

Designed for: Hasegawa kit

Price: £12.60

Includes: This is an exterior set for the Hasegawa kit. It offers wheel well inserts, tailwheel yoke and separate cowling gills.

Subject: Focke-Wulf Fw 190D-9

Scale: 1/32nd

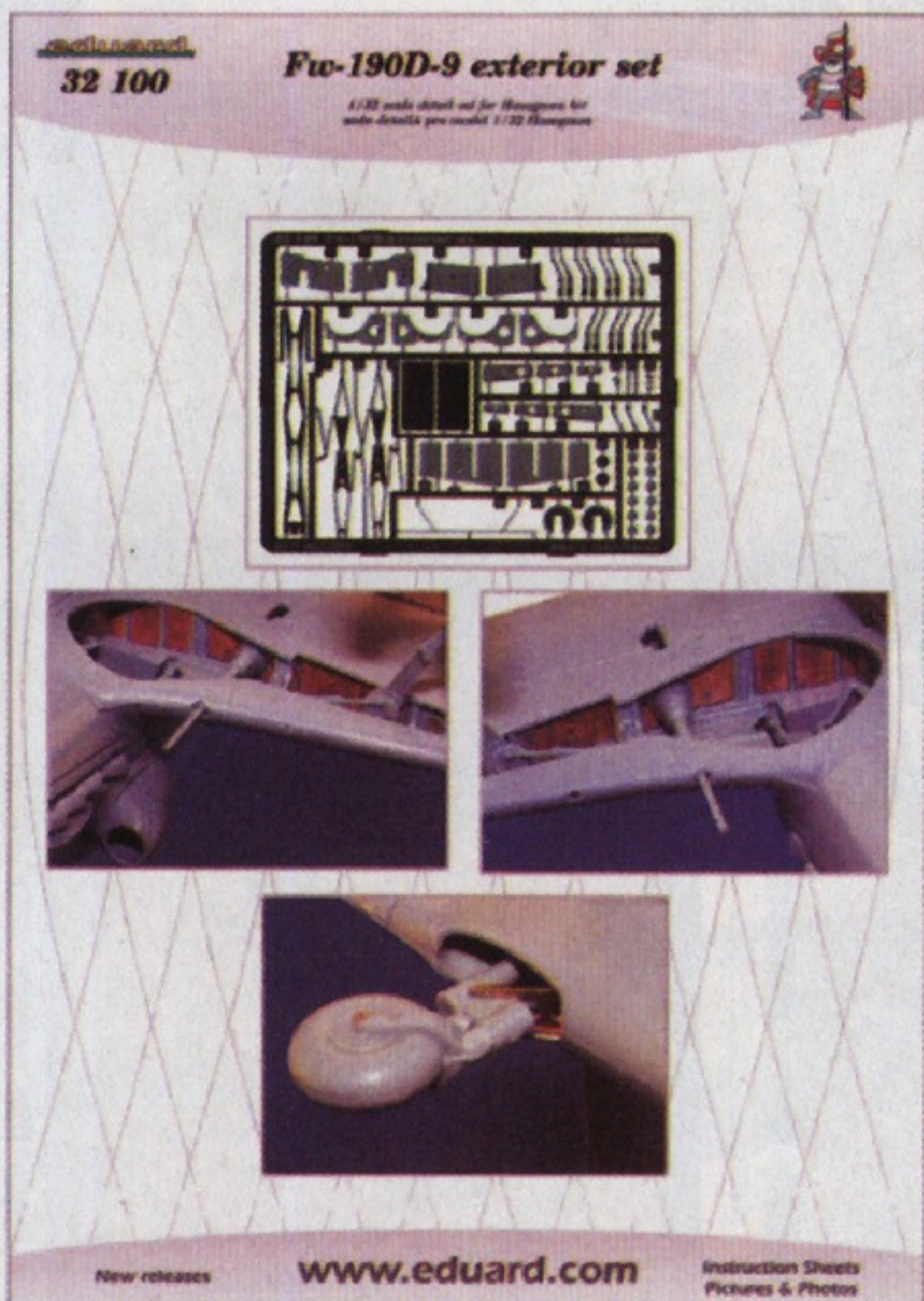
Product No.: 32 101

Type: Detail set

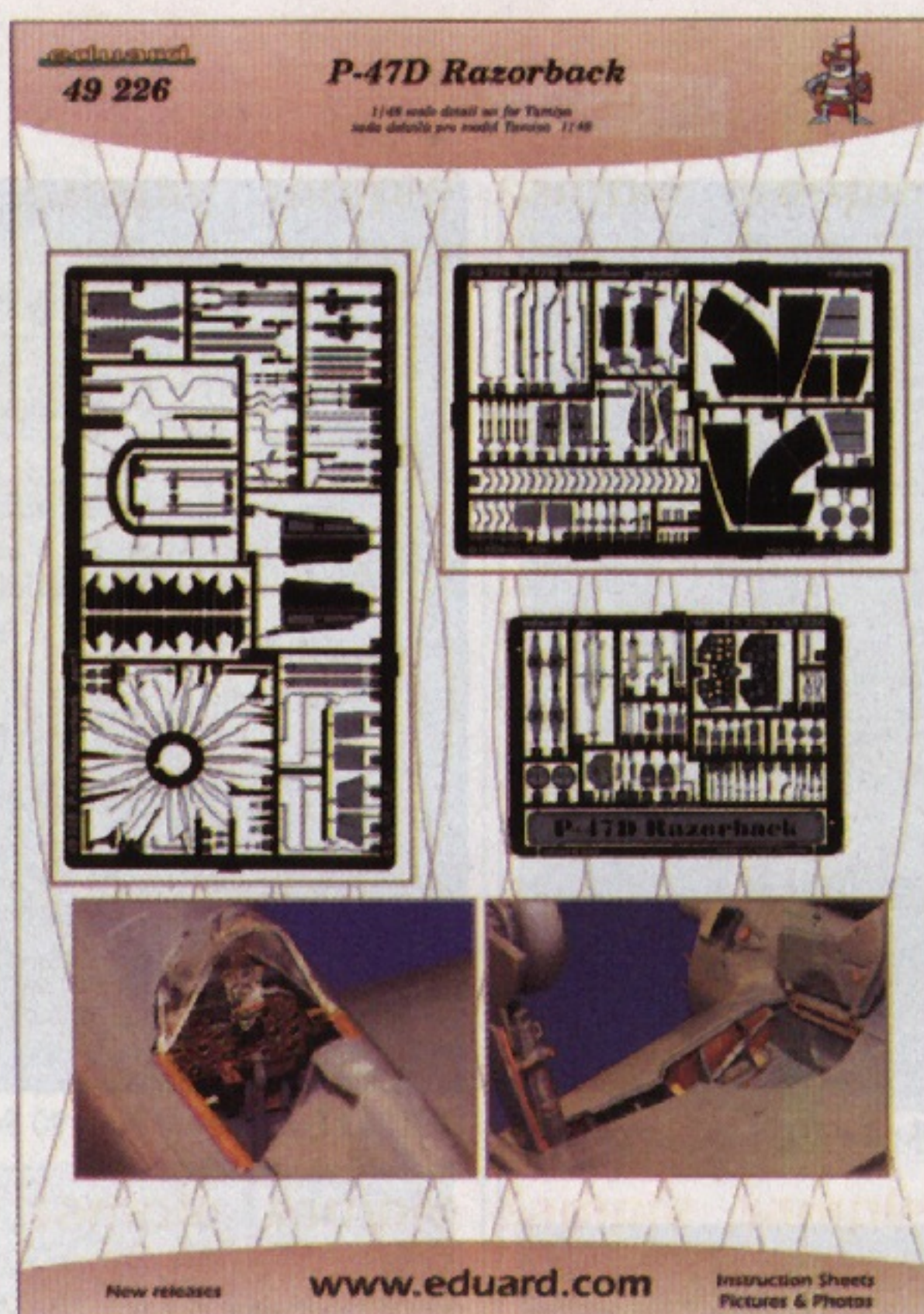
Designed for: Hasegawa kit

Price: £14.00

Includes: A complete set of separate landing flaps.



32 100 Focke-Wulf Fw 190D-9 (Hasegawa) - [samples are for illustration purposes only]



49 226 Republic P-47D (Tamiya) - [samples are for illustration purposes only]

Subject: Messerschmitt Bf 109G

Scale: 1/32nd

Product No.: 32 102

Type: Detail set

Designed for: Hasegawa or Revell kits

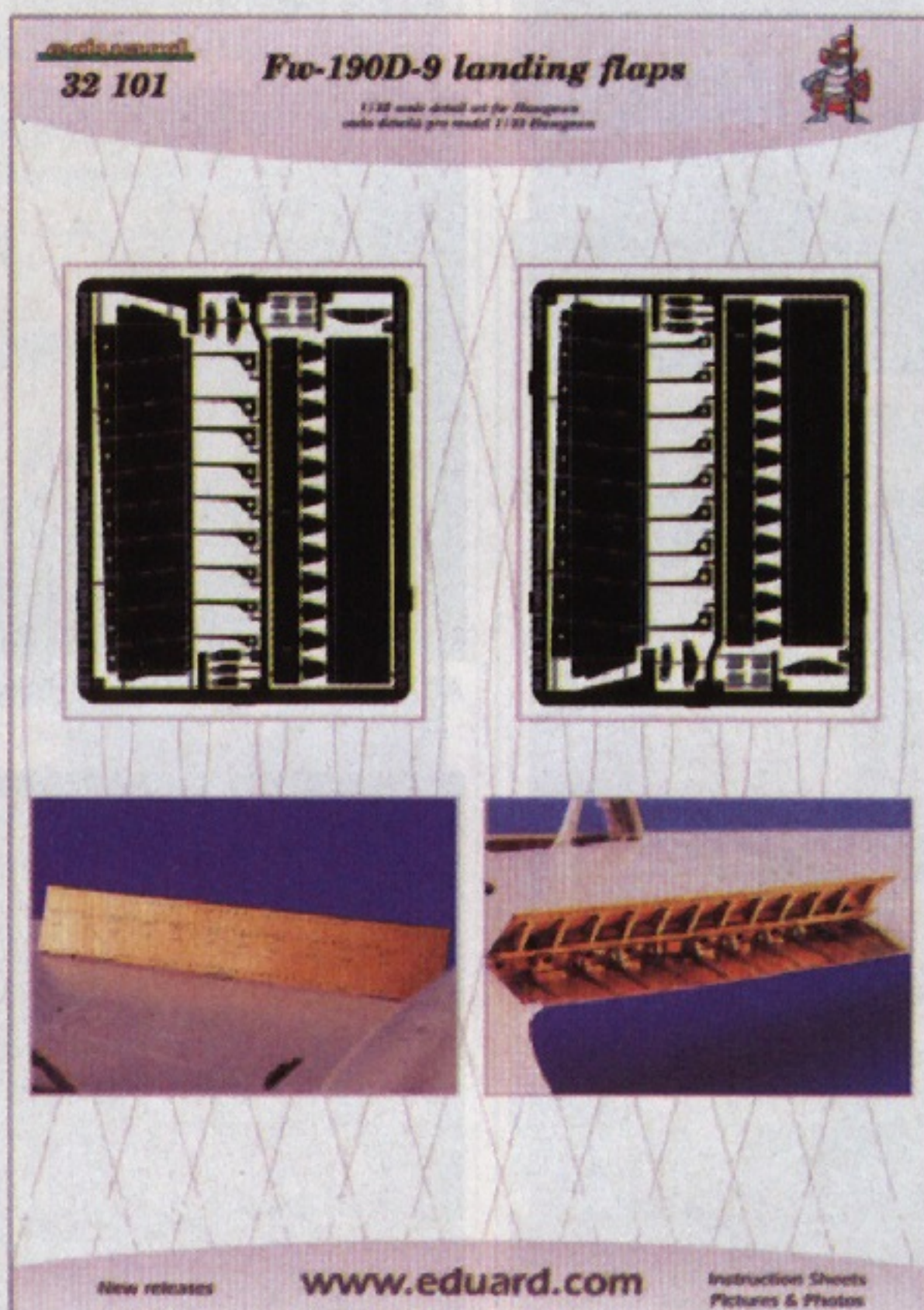
Price: £12.60

Includes: This set offers access panels and associated scribing panels for the Bf 109G in this scale. Nearly all of the access and filler points on the Bf 109G airframe are included in this set and the scribing template will allow you to easily add those missed off certain versions of the Hasegawa kit.

Conclusion

All of these sets are up to the high standard we have all come to expect from Eduard. The scope and finesse of those featured above are certainly excellent, and although this type of detailing medium is becoming more expensive in the UK, if you are going to add lots of detail to any of your model projects, check out what Eduard have to offer. I personally love the access panel set for the Bf 109G in 1/32nd and the pre-painted cockpit placards for the P-47D in 1/48th have to be seen to be believed!

Our thanks to Eduard M.A. for the review sample. UK modellers can obtain this range from Hannants and LSA Models.



32 101 Focke-Wulf Fw 190D-9 (Hasegawa) - [samples are for illustration purposes only]

MINICRAFT MODEL KITS

Legends in the making



NEW Boeing 314 Clipper Pan Am. 1/144th scale.....£14.99



NEW Douglas DC-3 American Airlines. 1/144th scale..£7.49



NEW McDonnell-Douglas MD-82 Alitalia. 1/144th scale.....£14.99



NEW Boeing 737-300 Continental. 1/144th scale.....£10.99



NEW Boeing 757-200 TWA. 1/144th scale.....£14.99

*"Less Is More With Minicraft
One/One Forty Four"*

TRADE ENQUIRIES ONLY TO:

TOYWAY

P O Box 55, Unit 20 Jubilee Trade Centre,
Jubilee Road, Letchworth, Herts SG6 1SG
Telephone: 01462 672509 Facsimile: 01462 672132
E-mail: toys@toyway.co.uk

Fabflight

This is a new range from France, samples of which have been sent directly to us for review this month.

1/48th Scale

Subject: Spitfire Seat

Scale: 1/48th

Product No.: DET001

Type: Accessory

Designed for: See text

Price: £TBA (€4.00)

Includes: This single resin casting represents a Spitfire seat complete with armour plate and seat belts.

Subject: Focke-Wulf Fw 190 Seat

Scale: 1/48th

Product No.: DET002

Type: Accessory

Designed for: See text

Price: £TBA (€4.00)

Includes: This single resin casting represents an Fw 190 seat complete with seat belts.

Subject: Oxygen Tube

Scale: 1/48th

Product No.: DET005

Type: Accessory

Designed for: See text

Price: £TBA (€4.00)

Includes: This pack comprises two short lengths of coiled wire that can represent oxygen tubes in any aircraft model in this scale.

Subject: Dewoitine Detail Set

Scale: 1/48th

Product No.: DET006

Type: Detail set

Designed for: Tamiya

Price: £TBA (€15.00)

Includes: This set offers separate control surfaces and tailplanes, a separate rudder, 'weighted' main wheels, a new pilot's seat and a replacement radiator unit. Everyone will realise that the latter item replaces the inaccurate one in the Tamiya kit.

Subject: Jerricans

Scale: 1/48th

Product No.: ACC48005

Type: accessory

Designed for: See text

Price: £TBA (€5.00)

Includes: This set offers ten individually cast Jerricans.

Subject: Oil Drums

Scale: 1/48th

Product No.: ACC48006



DET001 Spitfire Seat - Fabflight

Type: accessory

Designed for: See text

Price: £TBA (€5.00)

Includes: This set offers six oil drums cast as a single piece.

Subject: Base - PSP

Scale: 1/48th

Product No.: B48002

Type: accessory

Designed for: See text

Price: £TBA (€10.00)

Includes: This resin base replicates Perforated Steel Plating (PSP) as used by Allied forces for temporary airstrips during WWII. The base is 180mm x 210mm and therefore suitable for single-engine aircraft in this scale.

Subject: Base - Luftwaffe Revetment

Scale: 1/48th

Product No.: B48004

Type: accessory

Designed for: See text

Price: £TBA (€10.00)

Includes: This resin base replicates a wooden-slatted aircraft revetment suitable for WWII Luftwaffe aircraft. The base is once again 180mm x 210mm, so only suitable for single-engine aircraft in this scale.

Conclusion

Each of these sets is well cast and reasonably priced. The detail and correction set for the Tamiya D.520 is very welcome, and Fabflight have informed us that they will do a

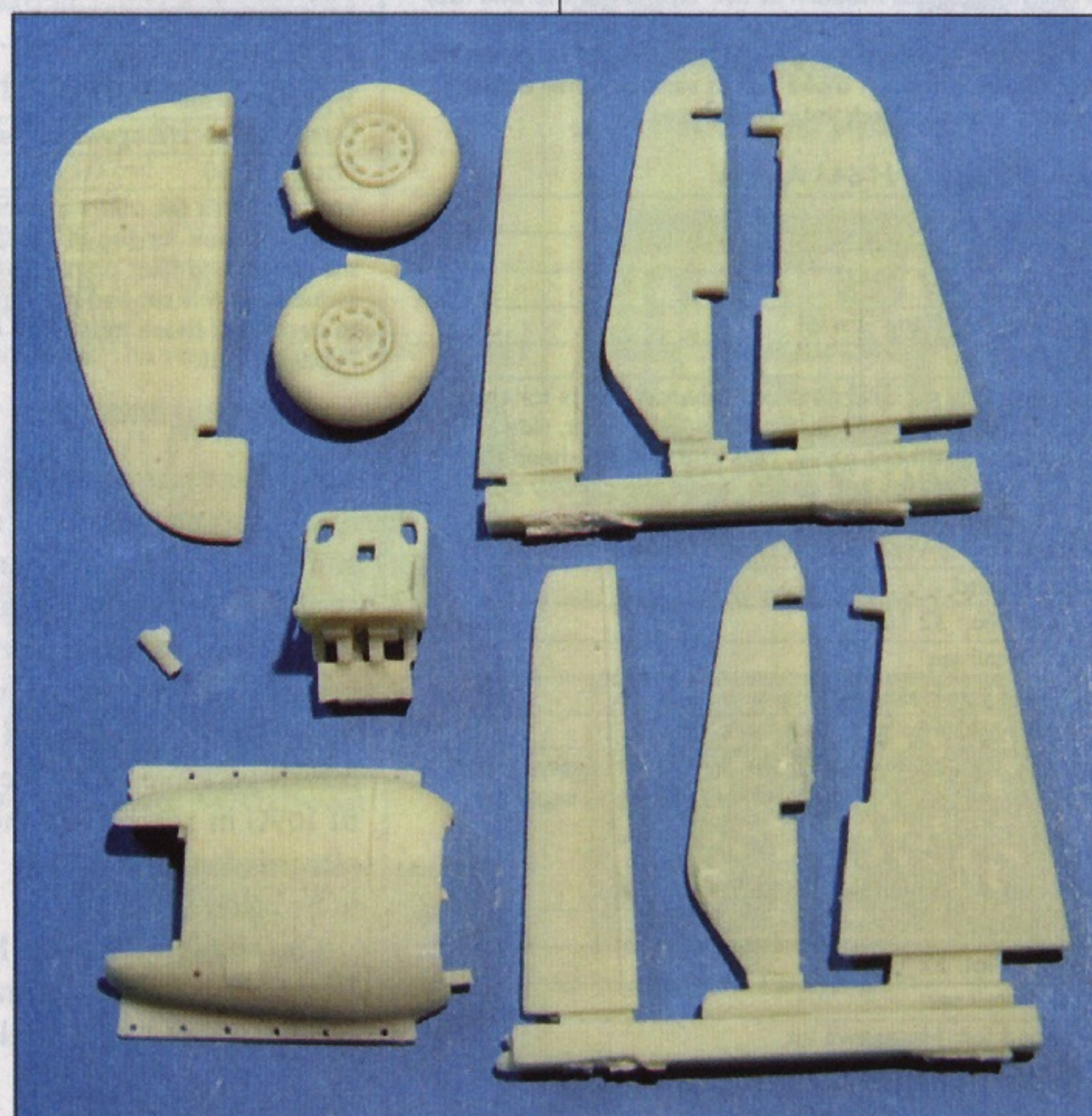


DET002 Focke-Wulf Fw 190 Seat - Fabflight

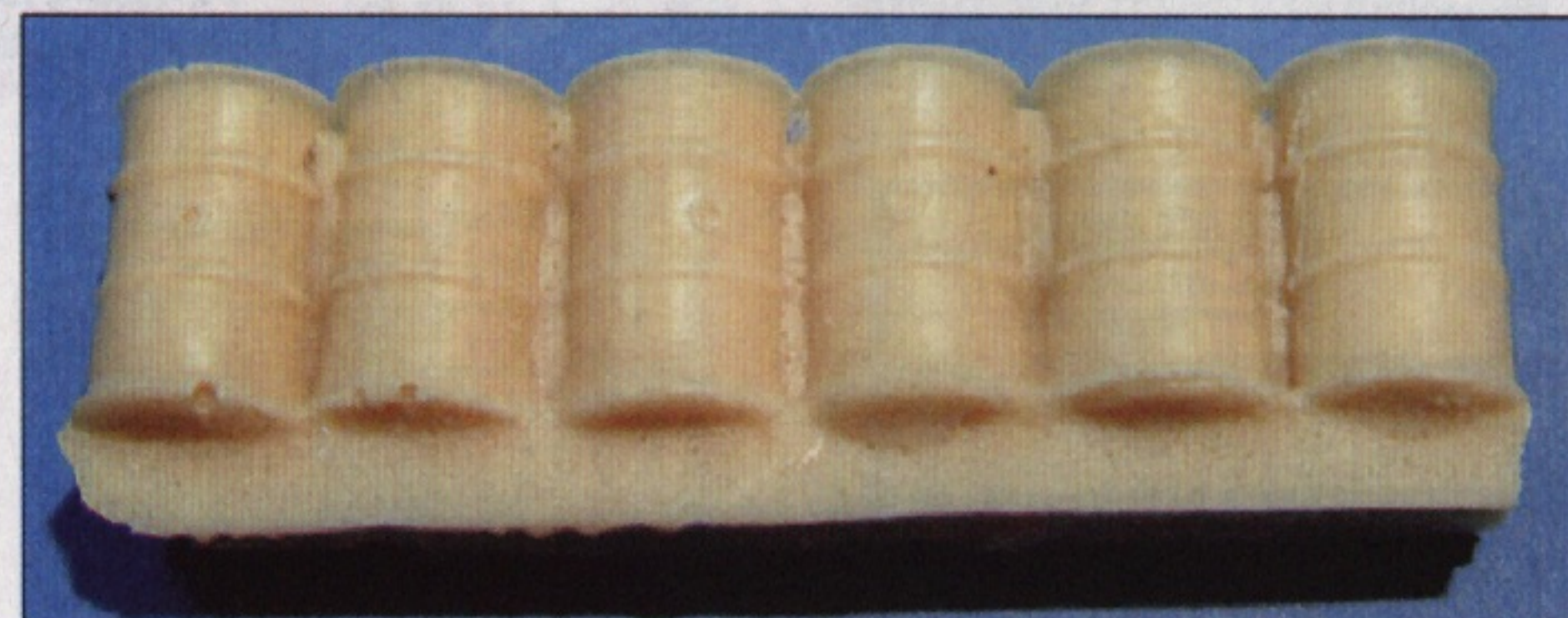
similar detail set for the Azur kit in 1/32nd scale during September.

Our thanks to Fabflight for the review samples. This entire range

can be ordered from Flight 66 in France, although the manufacturer is also currently looking for an exclusive UK importer.



DET006 Dewoitine Detail Set (Tamiya) - Fabflight



ACC48006 Oil Drums - Fabflight



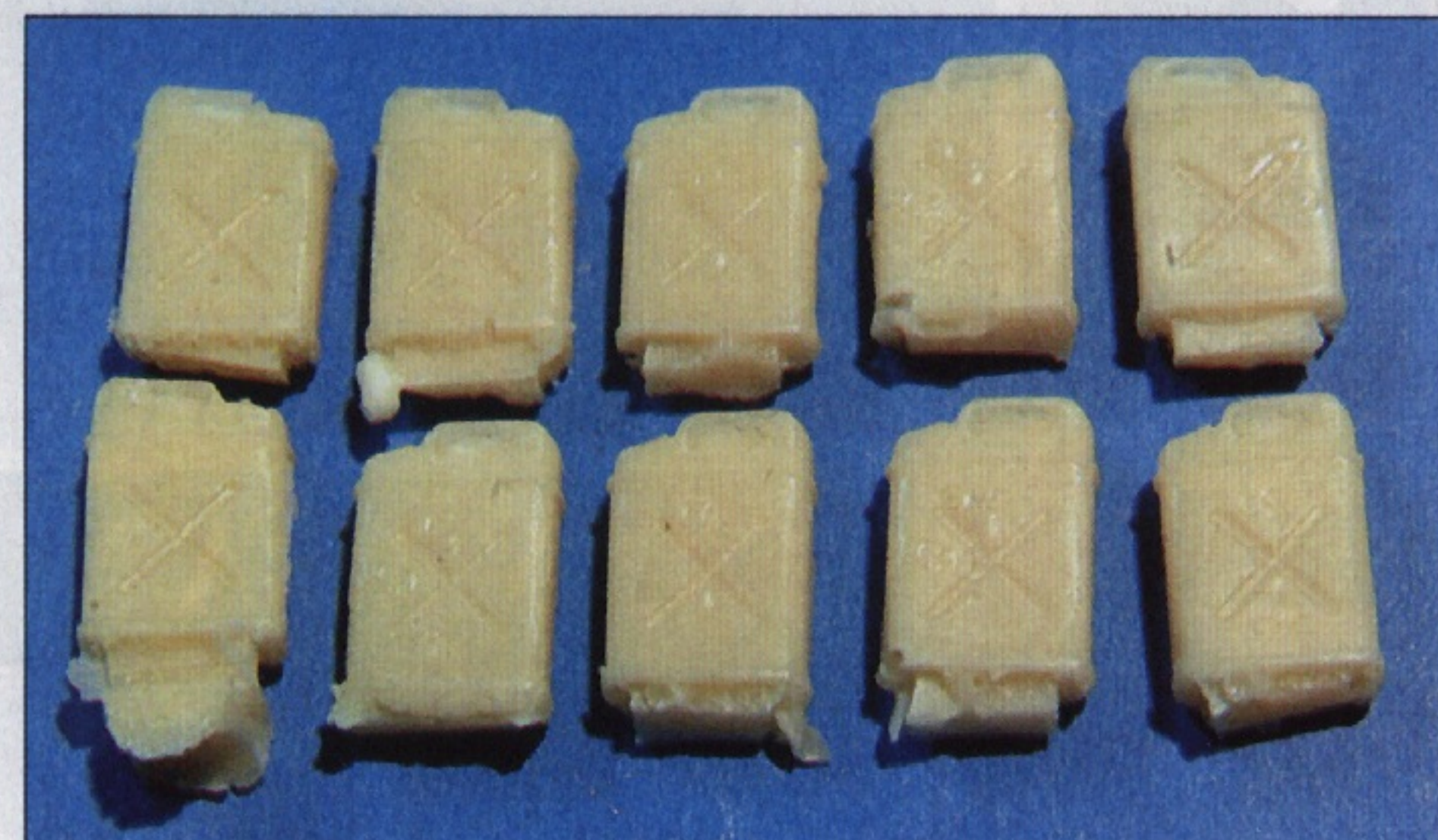
B48002 Base [PSP] - Fabflight



B48004 Base [Luftwaffe Revetment] - Fabflight



DET005 Oxygen Tube - Fabflight



ACC48005 Jerricans - Fabflight

Aires

Another large batch of accessories and detail sets has recently been released by Aires, samples of which have been sent directly to us for review.

1/72nd Scale

Subject: Republic P-47D Gun Bay

Scale: 1/72nd

Product No.: 7089

Type: Accessory

Designed for: Academy kit

Price: £5.00

Includes: This set comprises resin and etched components and allows both gun bays and ammunition bays to be opened in each wing of the P-47D.

Subject: Junkers Ju 87G 3.7cm Bordkanone

Scale: 1/72nd

Product No.: 7095

Type: Accessory

Designed for: Academy kit

Price: £TBA

Includes: This resin set offers two complete 3.7cm PAK cannon complete with their associated gondolas for underwing mounting on the Ju 87G.

Subject: D.H. Mosquito FB Mk VI Gun Bay

Scale: 1/72nd

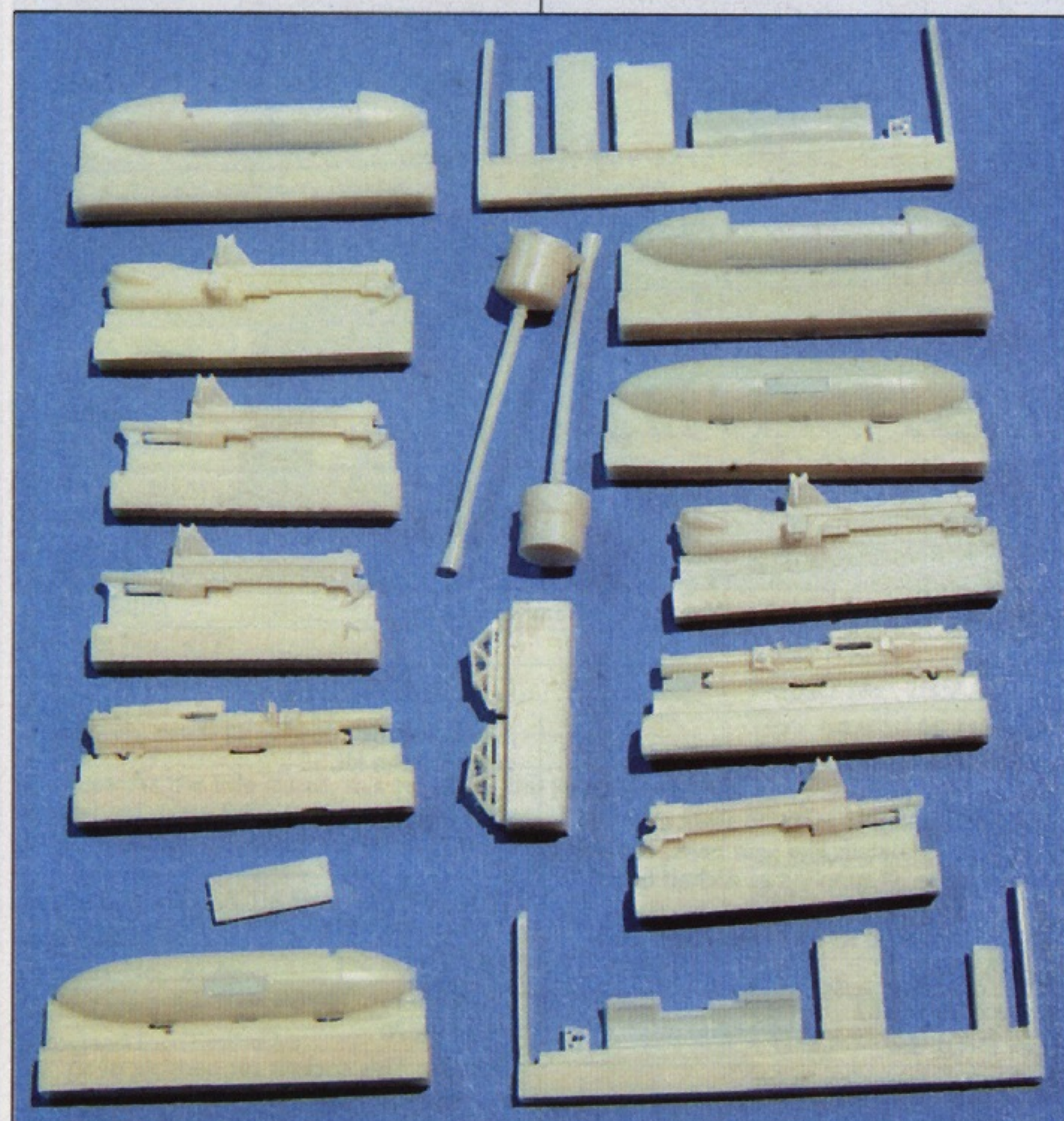
Product No.: 7099

Type: Accessory

Designed for: Tamiya kit

Price: £8.40

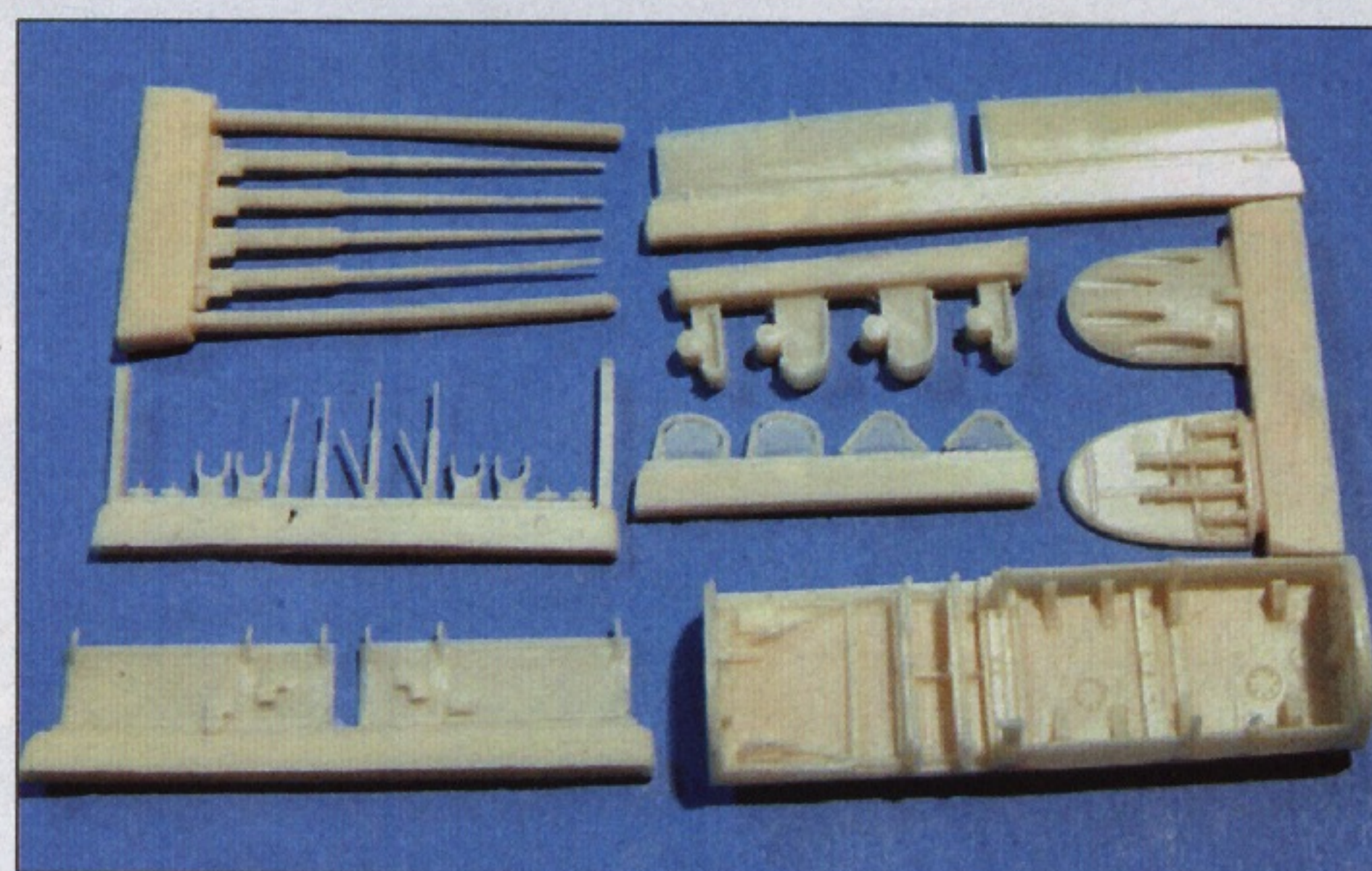
Includes: This resin set comprises a new ventral bomb and gun bay complete with separate cannon and access panels



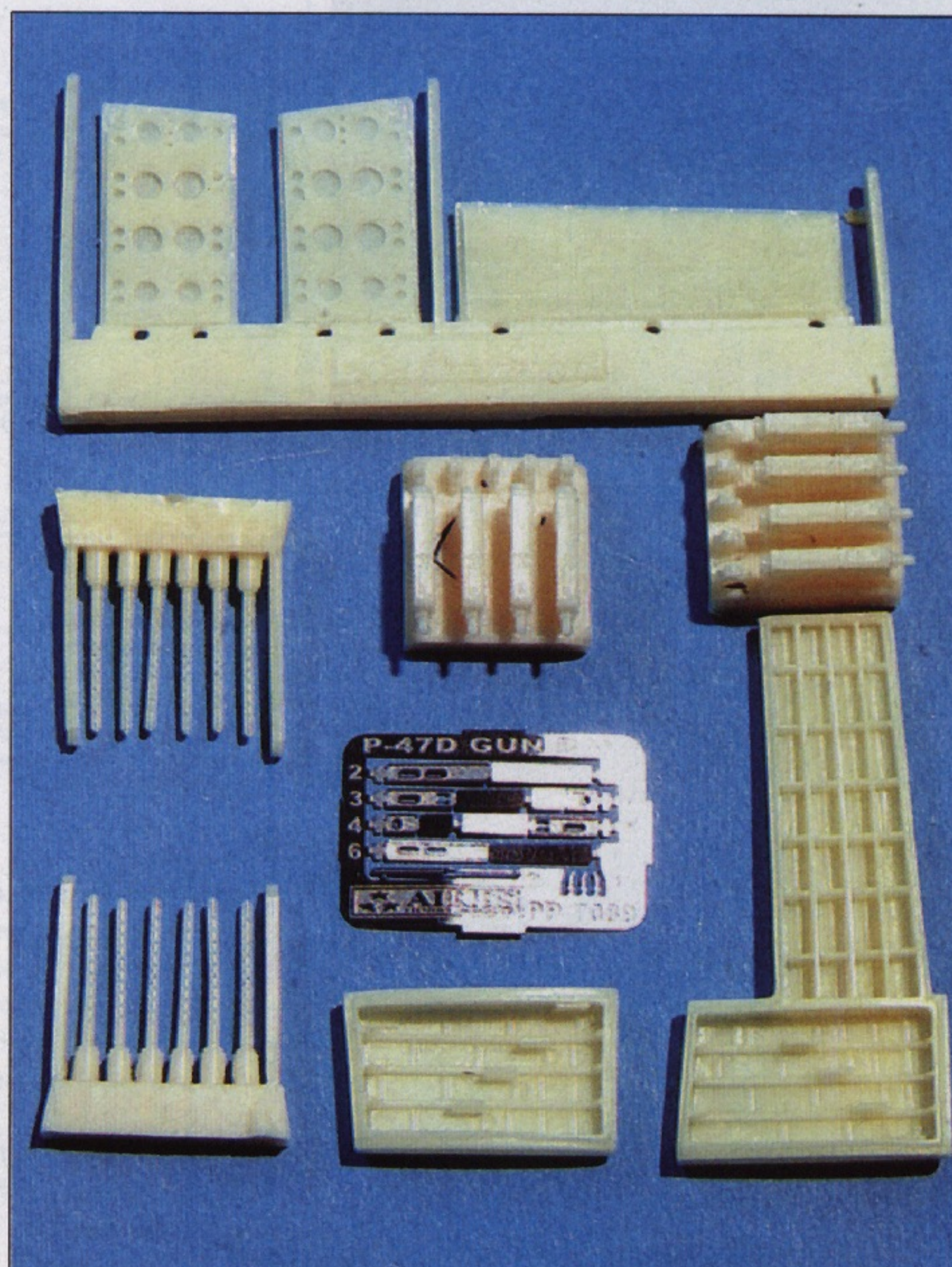
7095 Junkers Ju 87G 3.7cm Bordkanone (Academy) - Aires



4159 Messerschmitt Me 410A-1 (Revell-Monogram) - Aires



7099 D.H. Mosquito FB Mk VI Gun Bay (Tamiya) - Aires



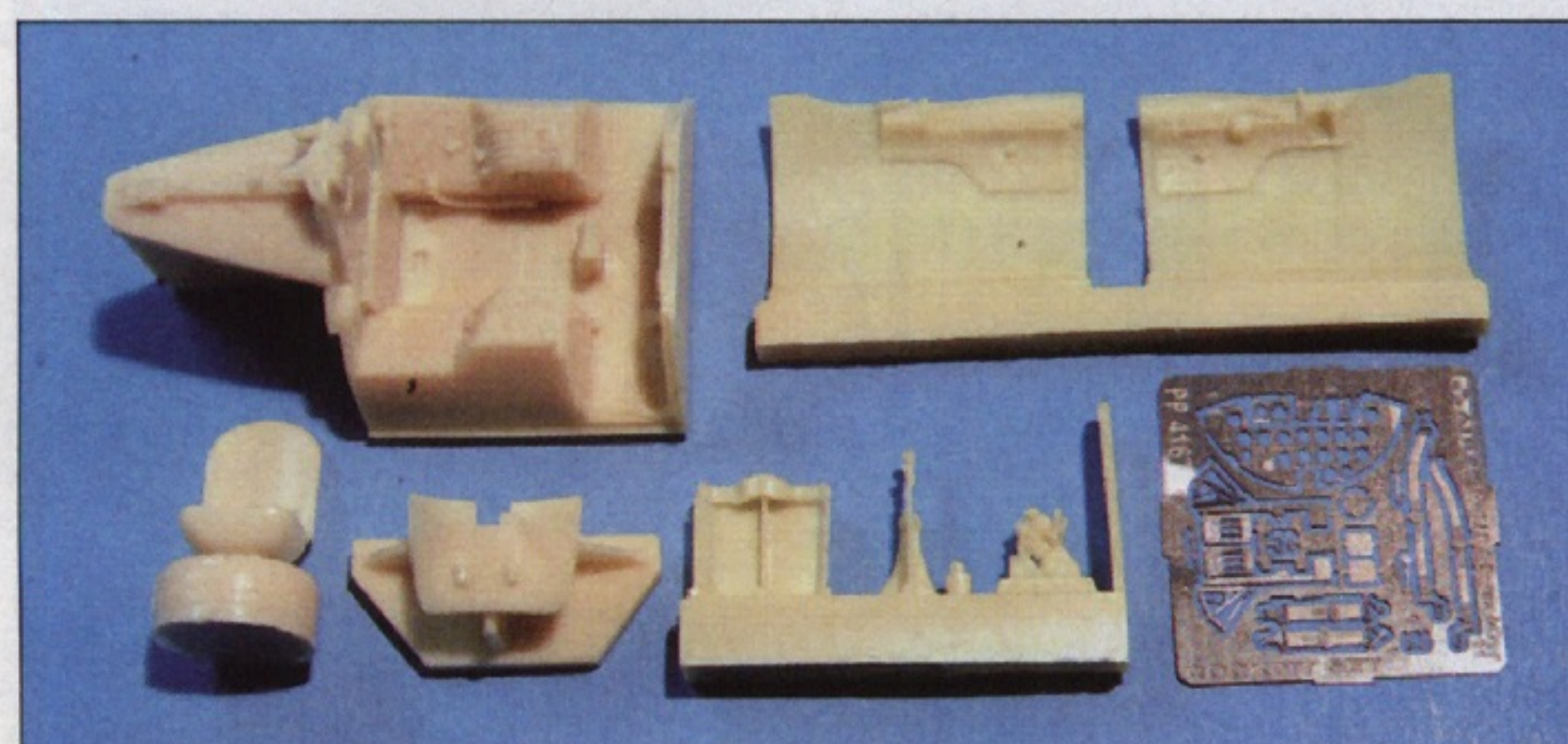
7089 Republic P-47D Gun Bay (Academy) - Aires



4160 McDD F-4J/S Phantom Cockpit Set (Hasegawa) - Aires



4162 Kawasaki Ki-61-I Hein Detail Set (Hasegawa) - Aires



4167 Douglas A-1H Skyraider Cockpit Set (Tamiya) - Aires

1/48th Scale

Subject: Messerschmitt Me 410A-1

Scale: 1/48th

Product No.: 4159

Type: Detail Set

Designed for: Revell-Monogram kit

Price: £TBA

Includes: This is a combined detail set covering the cockpit and gun bay areas in the Me 410. Both front and rear cockpit

areas are offered in resin with details like the instrument panels and seat belts in etched brass. The whole gun and bomb bay area under the nose is a new resin insert complete with bomb doors.

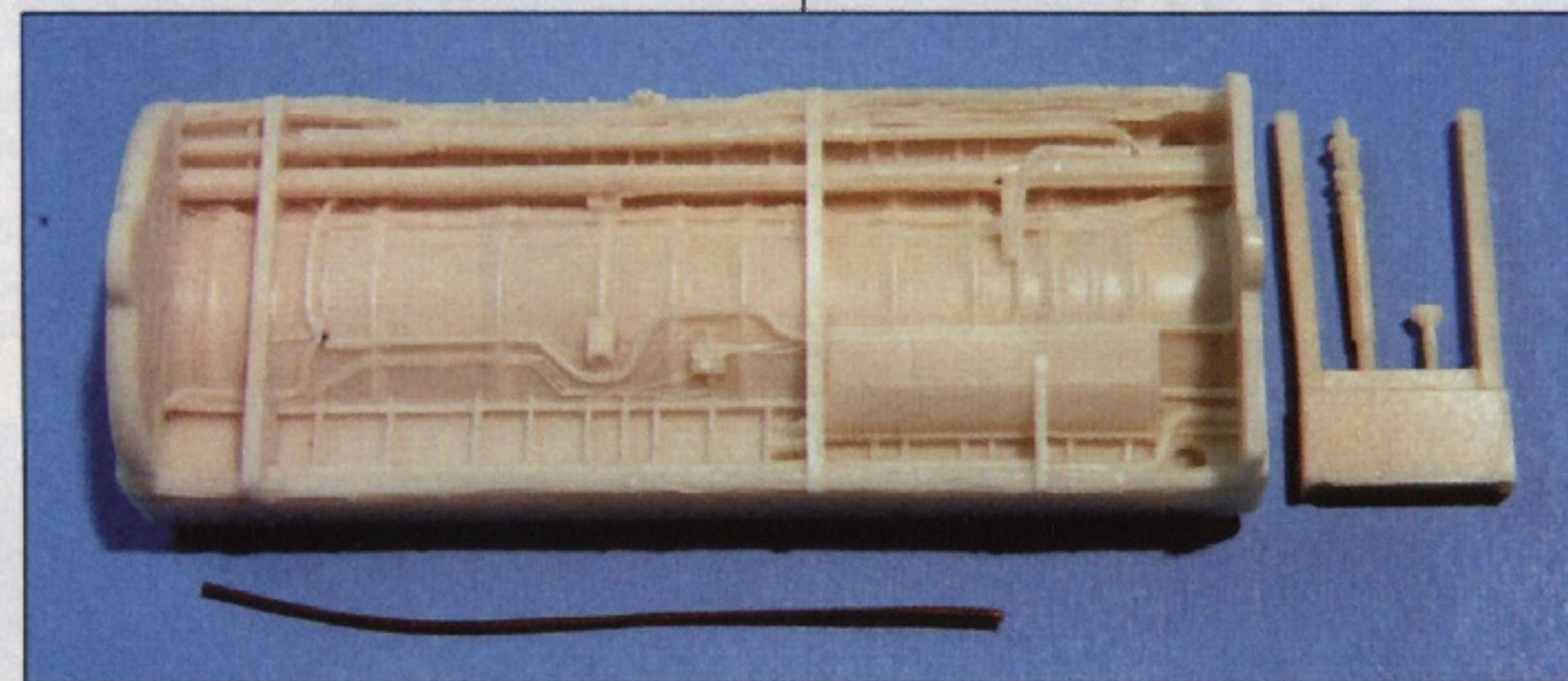
Subject: McDD F-4J/S Phantom Cockpit Set

Scale: 1/48th

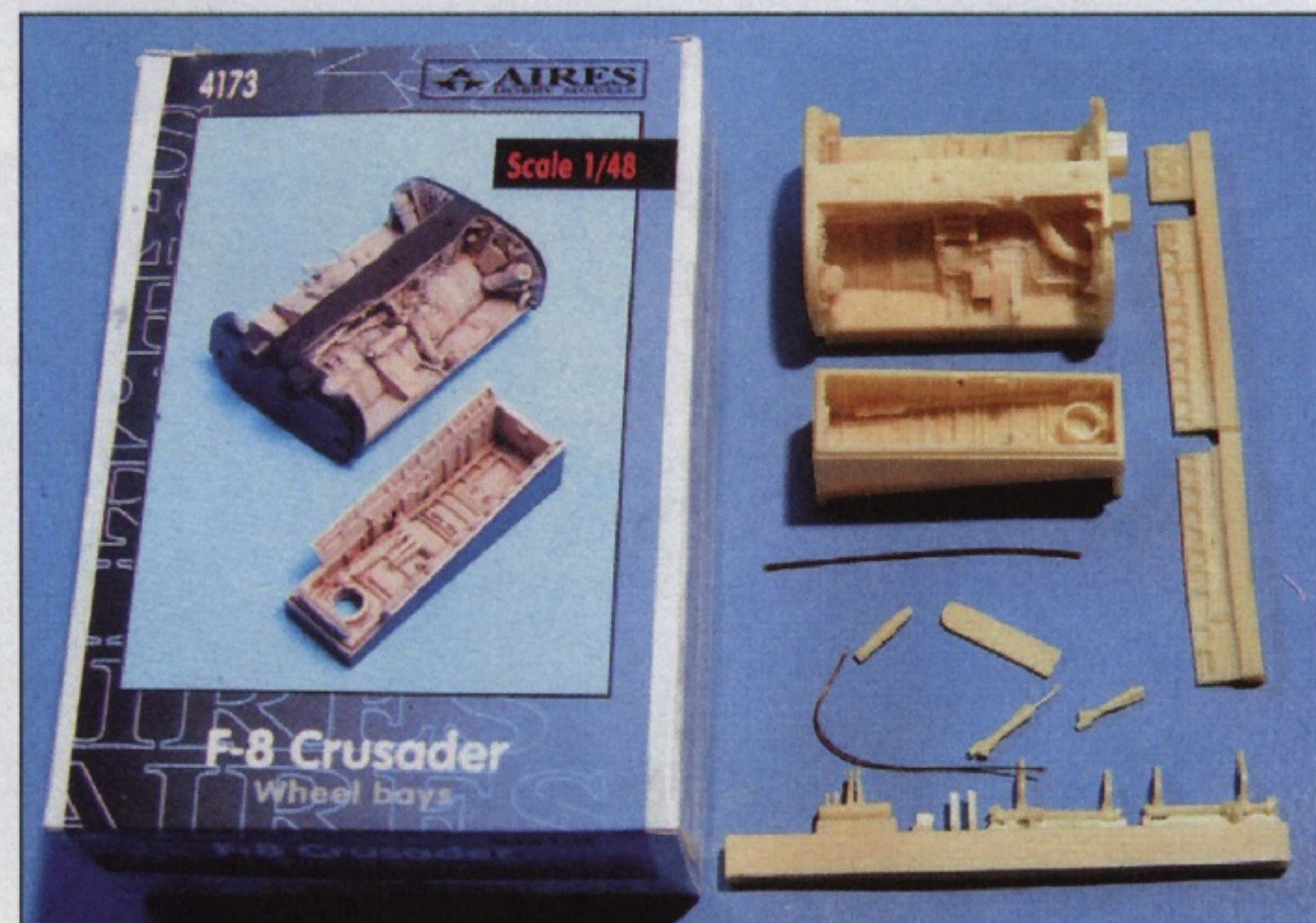
Product No.: 4160

Type: Detail Set

Designed for: Hasegawa kit



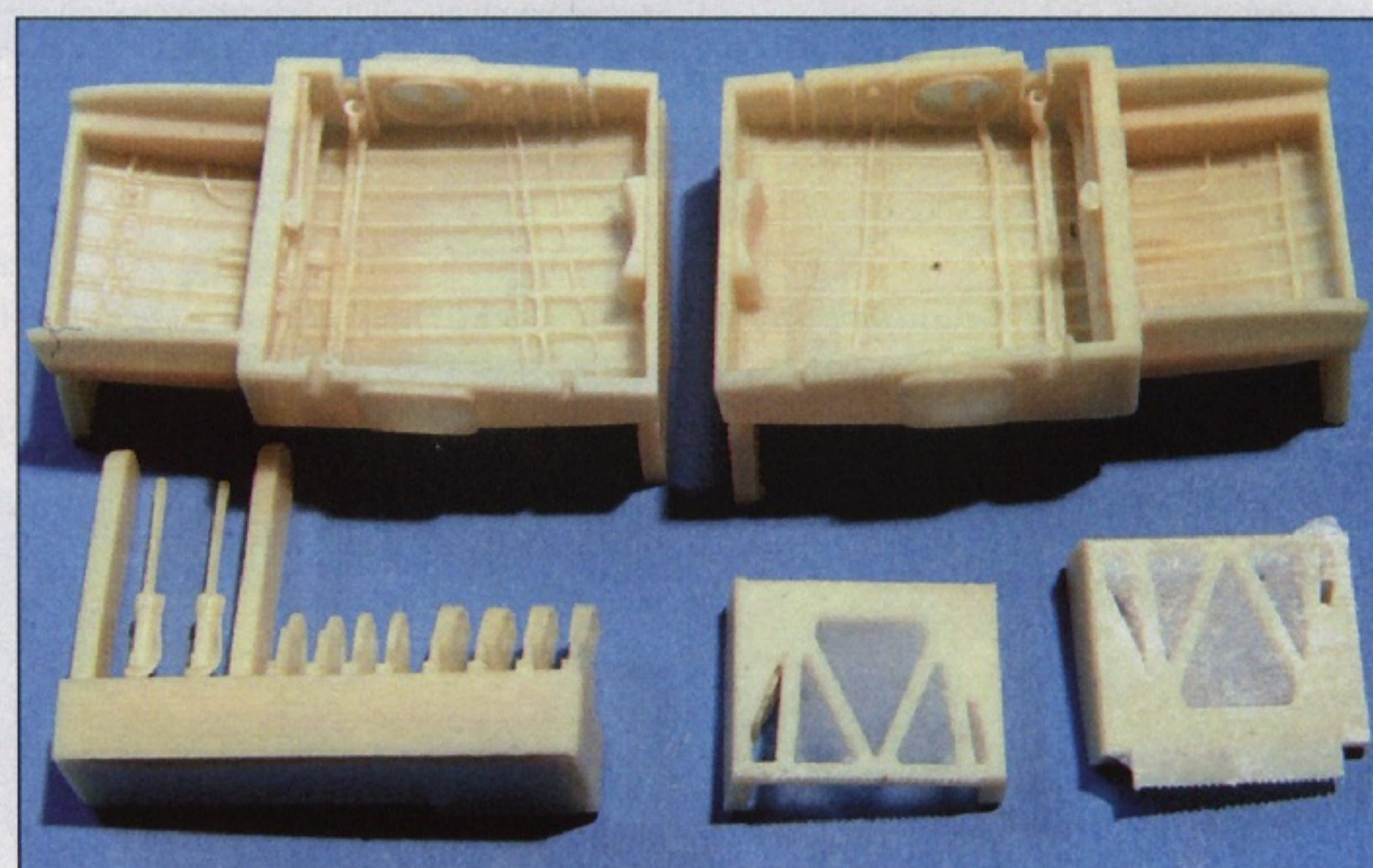
4172 F-8E Crusader Engine Duct Bay (Hasegawa) - Aires



4173 F-8E Crusader Wheel Bays (Hasegawa) - Aires



4171 F-8E Crusader Exhaust Nozzle (Hasegawa) - Aires



4174 Douglas A-1H Skyraider Wheel Wells (Tamiya) - Aires

Price: £11.80

Includes: This set comprises an entirely new cockpit 'tub' complete with instrument panel, sidewalls and ejection seats all in resin. Smaller details like seat belts, control levers etc are all supplied as etched brass.

Subject: Kawasaki Ki-61-I Hein Detail Set

Scale: 1/48th

Product No.: 4162

Type: Detail Set

Designed for: Hasegawa kit

Price: £22.00

Includes: This detail set covers the cockpit interior, gun bays and engine. The former is a completely new multi-part resin 'tub' with details like the instrument panel and seat belts in etched brass. The gun bays for the wings are resin inserts, for which some surgery on the kit will be required before they can be installed. The engine set is the same, requiring the removal of the various sections of the nose before the new resin engine can be installed. Resin replacement

panels are included for all those you have cut from the kit.

Subject: Douglas A-1H Skyraider Cockpit Set

Scale: 1/48th

Product No.: 4167

Type: Detail Set

Designed for: Tamiya kit

Price: £6.70

Includes: This cockpit set consists of an entirely new resin 'tub', complete with seat, instrument panel and rear decking all in resin. Smaller details parts like the instrument panel facia, seat belts and rudder pedals are supplied as etched brass.

Subject: F-8E Crusader Engine Duct Bay

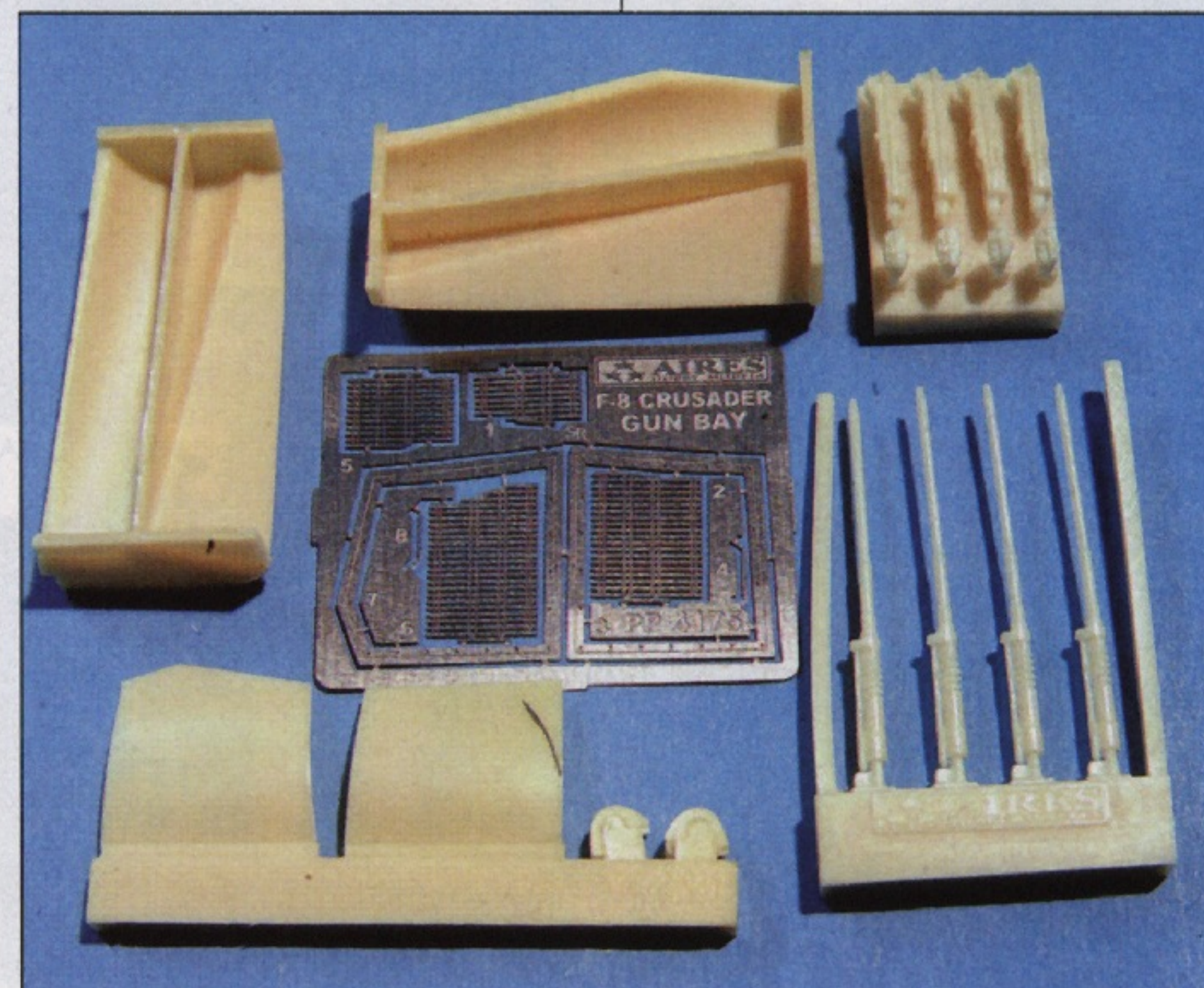
Scale: 1/48th

Product No.: 4172

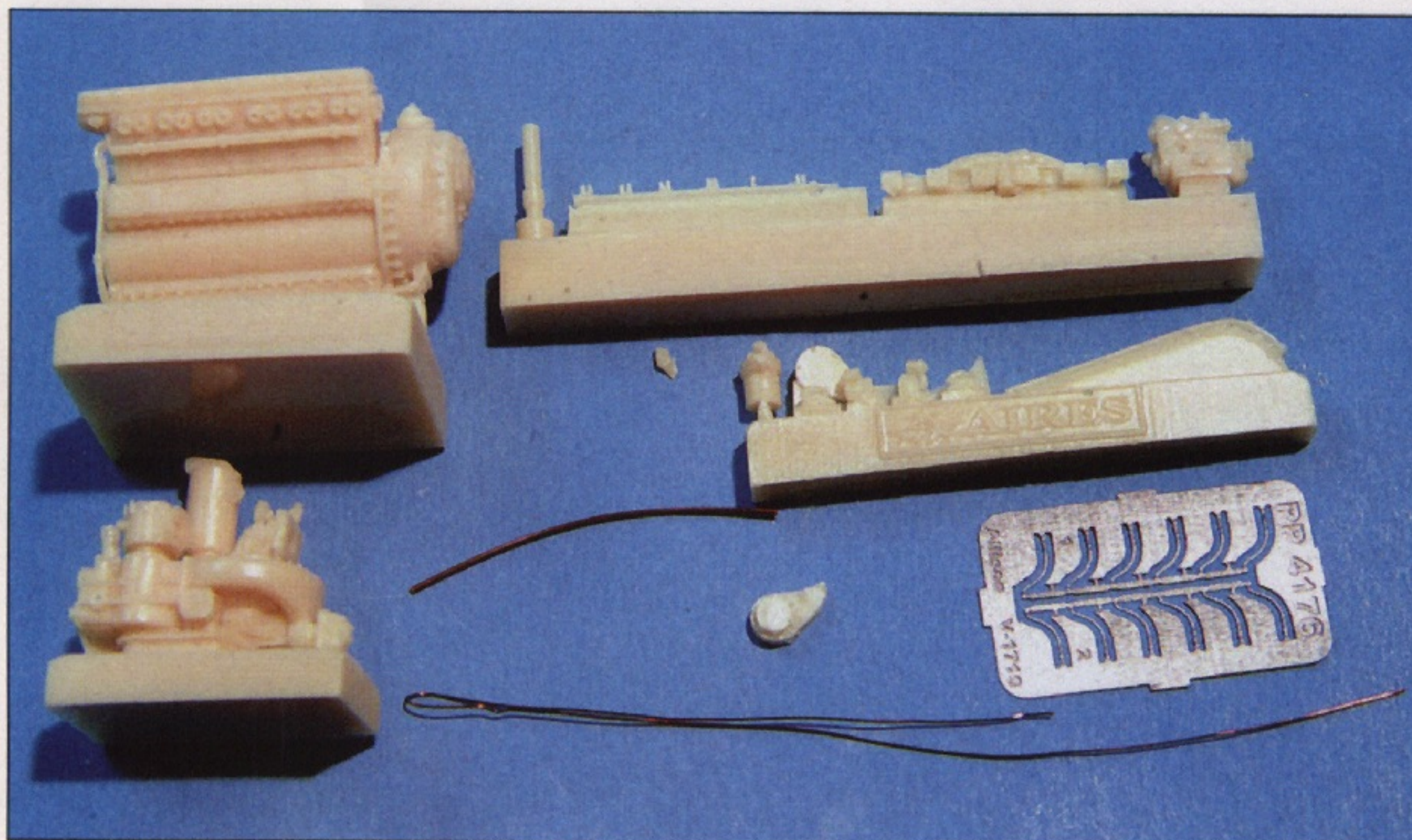
Type: Cockpit Detail Set

Designed for: Hasegawa kit

Price: £5.00



4175 F-8E Crusader Gun Bay (Hasegawa) - Aires



4176 Allison V-1710-89 - Aires

Includes: This single resin piece represents the engine duct visible through the upper decking on the F-8E when the wing assembly is raised

Subject: F-8E Crusader Wheel Bays

Scale: 1/48th

Product No.: 4173

Type: Detail Set

Designed for: Hasegawa kit

Price: £6.70

Includes: This set comprises the nose and main wheel wells as single, highly detailed replacement resin inserts.

Subject: F-8E Crusader Exhaust Nozzle

Scale: 1/48th

Product No.: 4171

Type: Detail Set

Designed for: Hasegawa kit

Price: £6.70

Includes: As the title states, this set offers the jet exhaust assembly for the F-8E as four resin components and an etched piece to replicate the afterburner ring.

Subject: Douglas A-1H Skyraider Wheel Wells

Scale: 1/48th

Product No.: 4174

Type: Detail Set

Designed for: Tamiya kit

Price: £5.00

Includes: This set offers the main wheel wells for the Skyraider and multi-part highly detailed replacement resin components.

Subject: F-8E Crusader Gun Bay

Scale: 1/48th

Product No.: 4175

Type: Detail Set

Designed for: Hasegawa kit

Price: £5.35

Includes: This set comprises both gun bays for either side of the fuselage which are offered as inserts and which will require some surgery to the kit to install.

Subject: Allison V-1710-89

Scale: 1/48th

Product No.: 4176

Type: Accessory

Designed for: See text

Price: £5.35

Includes: This multi-part resin engine is suitable for installation in the Lockheed P-38 series.

1/32nd Scale

Subject: Daimler Benz DB605A/B

Scale: 1/32nd

Product No.: 2007

Type: Accessory

Designed for: See text

Price: £8.40

Includes: This multi-part resin and etched brass engine is suitable for installation in the Messerschmitt Bf 109G series, but unfortunately does not come with any engine bearers!

Conclusion

I know you get fed up with my saying it, but these latest releases from Aires are simply stunning. There is no better way of describing their stuff, the level of detail and quality of casting alone make them well worth having. If you have any of the subject kits to build, check out what Aires has to offer for it.

Our thanks to Aires for the review samples. UK modellers can obtain this range from Hannants and LSA Models.



2007 Daimler Benz DB605A/B - Aires

PANDA MODELS

NEW ARRIVALS

An exciting range of finely detailed models offering superb quality and great value.
Available from all good model shops.



DR40001 B-1B Lancer 'ACC' 1:144



DR40002 B-1B Lancer 'SAC' 1:144



DR48001 F-35B U.S.A.F. 1:48



DR48002 F-35B U.S.M.C. 1:48

Panda Models is distributed in the UK by:

Amerang

Commerce Way, Lancing Business Park, Lancing
West Sussex, BN15 8TA

Tel No: 01903 765496, Fax: 01903 753643

AIMS

Following on from our reviews of this manufacturer's first releases in the April edition (See Vol.9 Iss.4) we have received a new batch of samples this month directly from their exclusive UK distributor, Czech-Six Publications.

1/72nd Scale

Subject: Junkers Ju 88A-0

Scale: 1/72nd

Product No.: N/A

Type: Conversion

Designed for: Italeri Ju 88A-4 kit

Price: £8.90

Includes: This set consists of JUMO 211s and wing tips in resin, plus the new canopy, nose and gondola glazing in vac-formed clear plastic by Falcon and new four-blade propellers and spinner and the early style rudder all in white-metal.

Subject: Junkers Ju 88A-1 [Late], A-1 [F], A-5 [Early], A-6 & D-2

Scale: 1/72nd

Product No.: N/A

Type: Conversion

Designed for: Italeri Ju 88A-4 kit

Price: £8.70

Includes: This set consists of JUMO 211s and wing tips in resin, plus the new rear canopy glazing in vac-formed clear plastic by Falcon and new propellers and spinner and the early style rudder all in white-metal. The inclusion of the resin wing tips allows the late A-1 or A-1F to be made utilising the late style rear canopy found in this set

Subject: Junkers Ju 88D-6 Mistel

Scale: 1/72nd

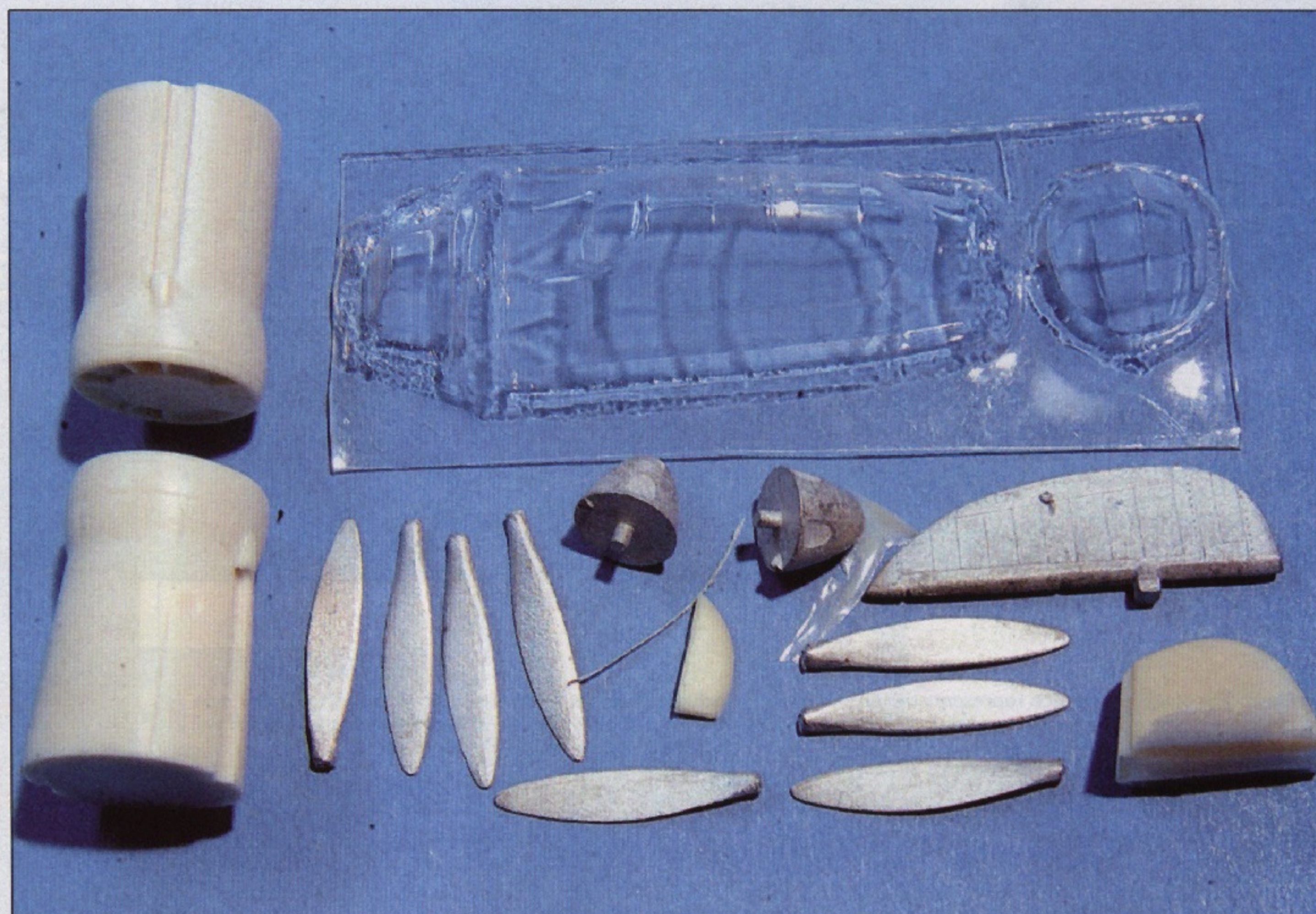
Product No.: N/A

Type: Conversion

Designed for: Italeri Ju 88A-4 kit

Price: £12.70

Includes: This set consists of BMW 801s, wheel wells/nacelles, armoured seat and propeller spinners in resin, Mistel support struts, propeller blades and undercarriage doors in white-metal and a new A-4 style



Junkers Ju 88A-0 (Italeri) - AIMS

canopy and nose glazing in vac-formed clear plastic by Falcon. This conversion can be used to build a straightforward reconnaissance D-6, or the very rare D-6 Mistel trainer.

Subject: Junkers Ju 88H-1

Scale: 1/72nd

Product No.: N/A

Type: Conversion

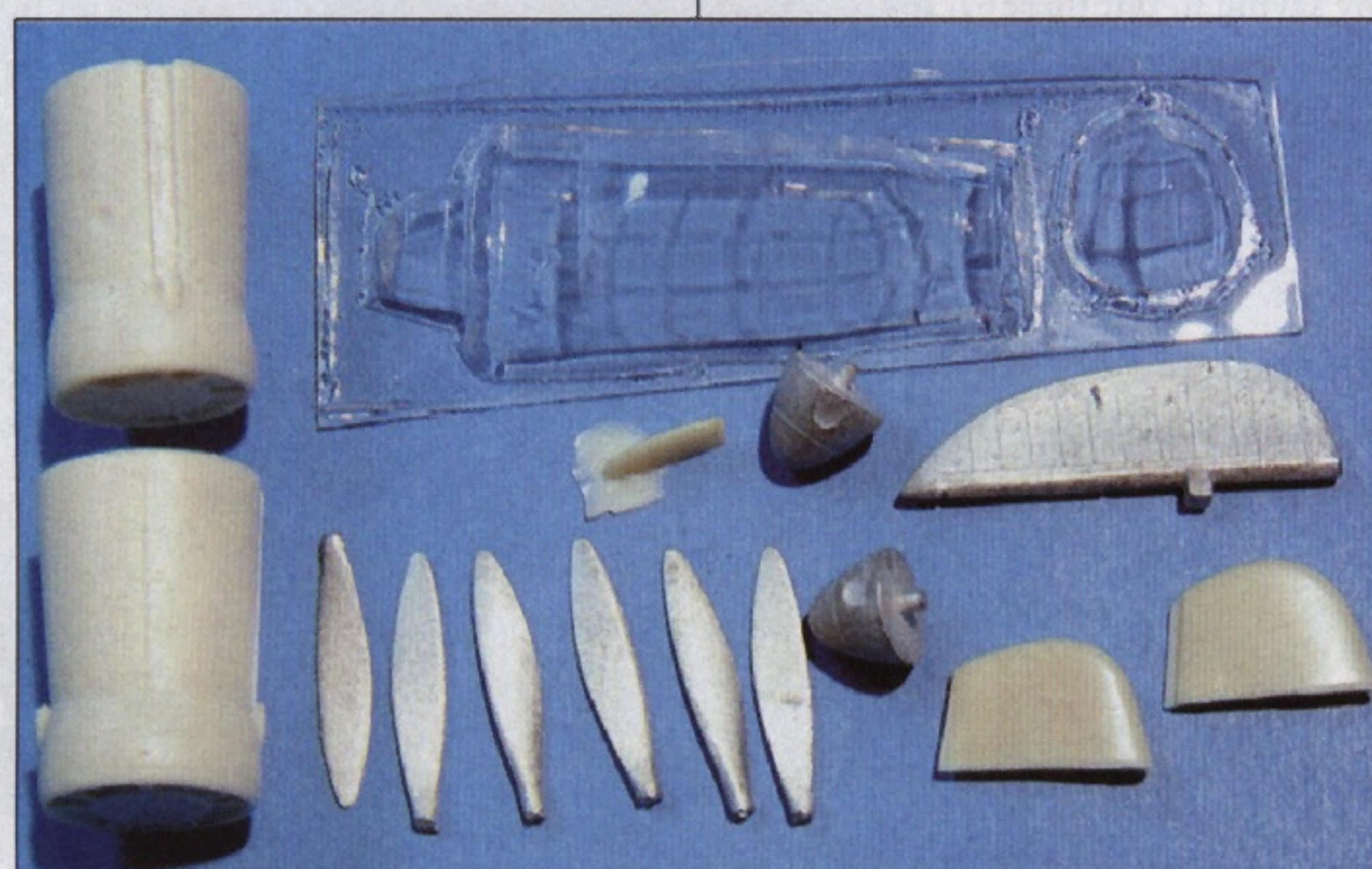
Designed for: Italeri Ju 88A-4 kit

Price: £15.20

Includes: This set consists of BMW 801s, wheel wells, armoured seat, fuselage extension plug and rear defence gun in



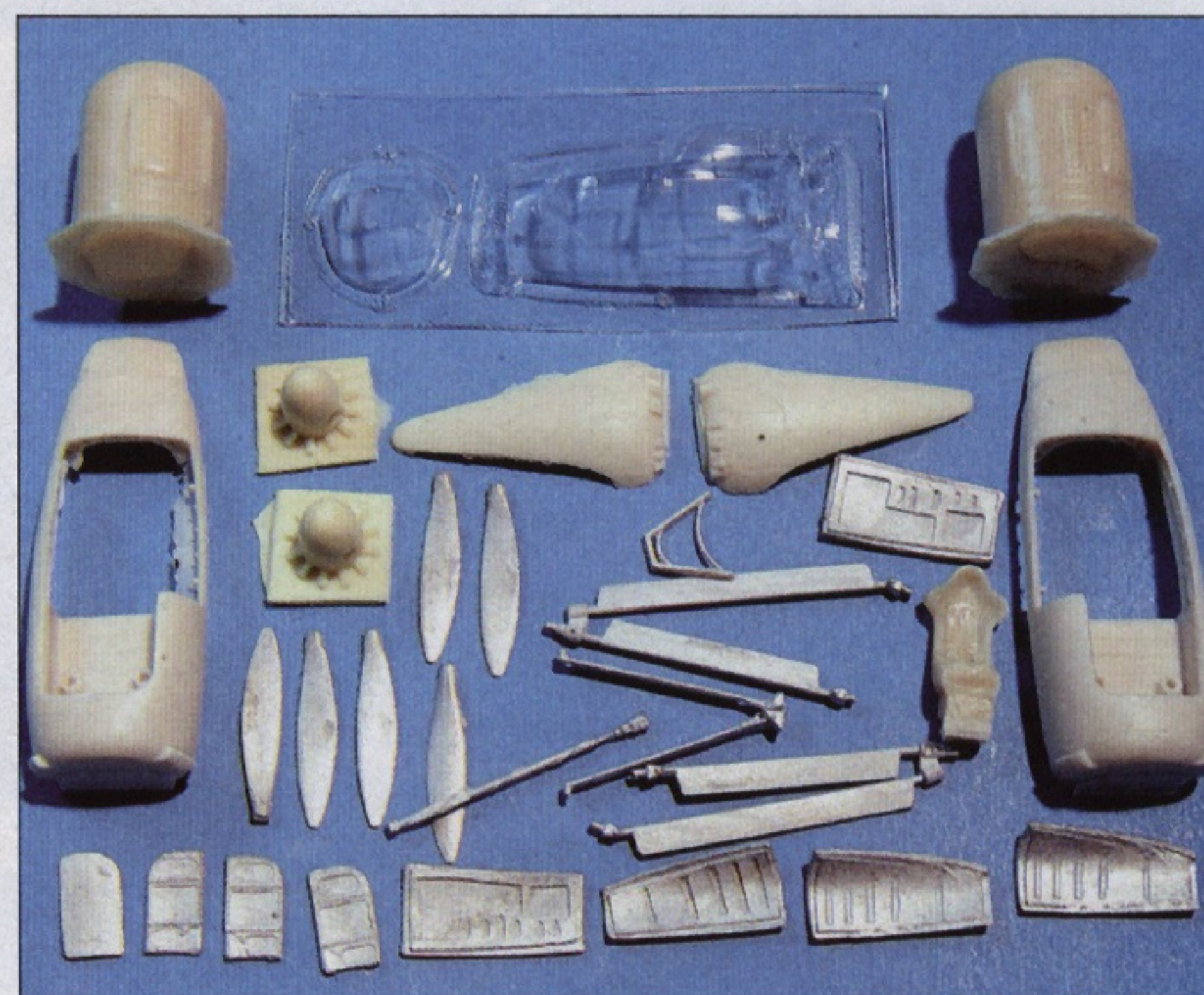
Junkers Ju 88H-1 (Italeri) - AIMS



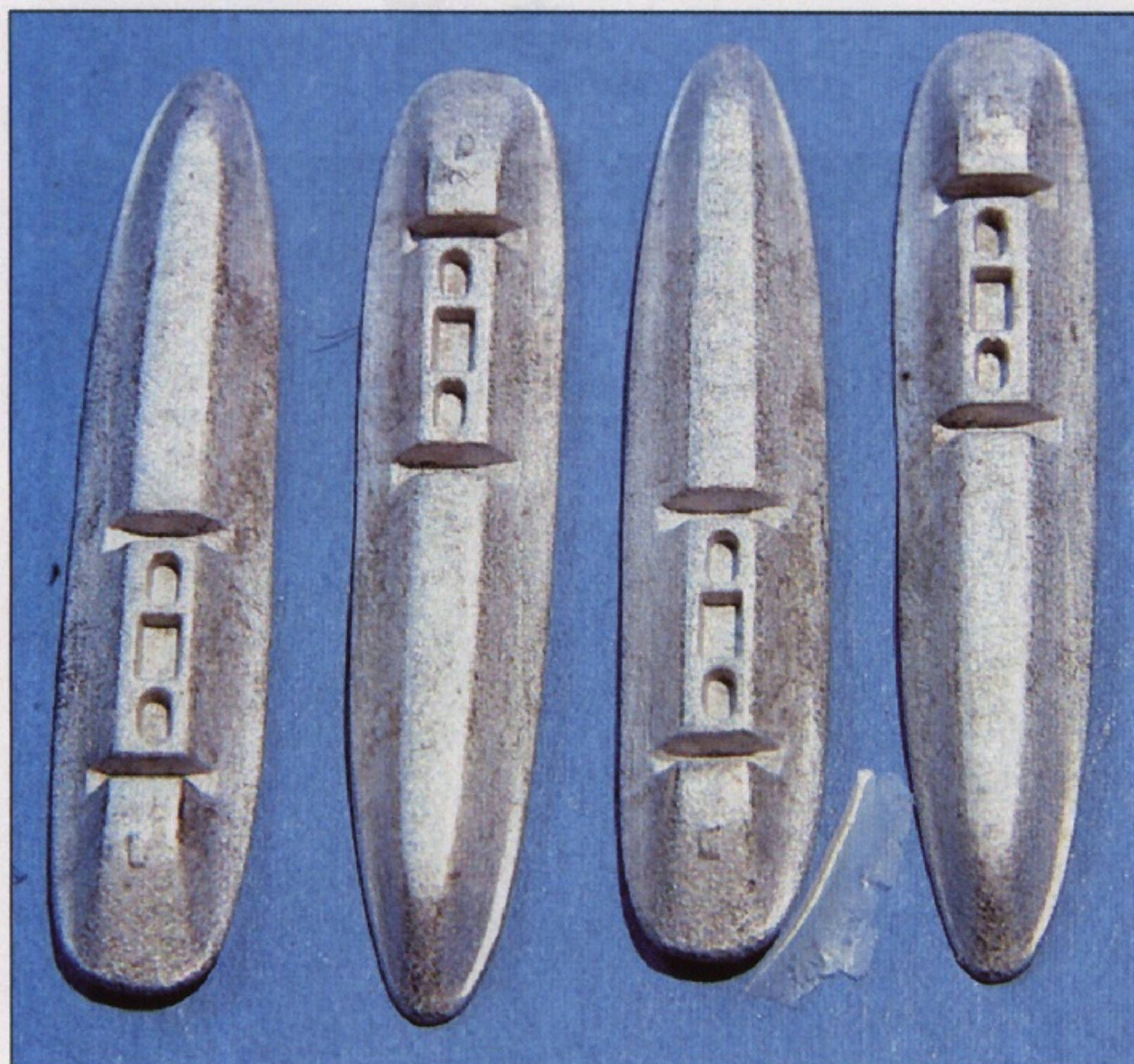
Junkers Ju 88A-1 [Late], A-1 [F], A-5 [Early], A-6 & D-2 (Italeri) - AIMS



JUMO 213 'open cowl' - AIMS



Junkers Ju 88D-6 Mistel (Italeri) - AIMS



Mk 8 ETC Bomb Racks - AIMS

resin, armoured seat, propeller blades and undercarriage doors in white-metal and a new S-1/T-1 canopy and nose glazing in vac-formed clear plastic by Falcon. The instructions also include diagrams to help you fabricate the anti-shipping radar carried by this rare type.

Subject: JUMO 213 'open cowl'

Scale: 1/72nd

Product No.: N/A

Type: Accessory

Designed for: See text

Price: £6.10

Includes: This set consists of two resin JUMO engine nacelles that are suitable for the AMTech Ju 88S-3/T-31, Italeri Ju 188A or E kits. These nacelles feature gaps for the installation of the 'open' cowl gills supplied in white-metal. White-metal

exhaust and propeller blades (with resin spinners) are also included.

Subject: Do 217/Ju 88/Ju 188 Armoured Pilot's Seat

Scale: 1/72nd

Product No.: N/A

Type: Accessory

Designed for: See text

Price: £1.00

Includes: This resin seat represents the latter style one fitted to the listed aircraft types. AIMS intends to change later production batches of this item to white-metal.

Subject: He 111H-10 Large Style Spinners

Scale: 1/72nd

Product No.: N/A



He 111H-10 Large Style Spinners - AIMS

Type: Accessory

Designed for: See text

Price: £1.00

Includes: This simple little set of two white-metal spinners represents the large style ones seen on the He 111H-10 onwards.

Subject: Mk 8 ETC Bomb Racks

Scale: 1/72nd

Product No.: N/A

Type: Accessory

Designed for: See text

Price: £3.20

Includes: This simple set of four white-metal ETC racks suitable for 500kg bombs. This type of rack was used on the early Ju 88A-4s and are shorter than those found in the Italeri A-4 kit.

Conclusion

Each of these sets is well cast, well packaged and comes with concise yet informative instructions. This range initially set high standards and I am pleased to say that this latest batch is also well up to the mark.

Our thanks to AIMS and Czech-Six Publications for the review



Do 217/Ju 88/Ju 188 Armoured Pilot's Seat - AIMS

samples. All enquiries about this range should be made directly to Czech-Six Publications and all prices quoted above include UK P&P.

CMK

A new batch of two figure sets has been sent directly to us for review this month by CMK.

1/72nd Scale

Subject: RAF Mechanics for Wellington

Scale: 1/72nd

Product No.: F72099

Type: Figure

Designed for: N/A

Price: £3.99

Includes: This set of three figures depicts RAF mechanics working on the engine of a Wellington. Of course they could also be used for a number of other machines, so the choice is yours.



F32081 Japanese Navy Pilots, WWII - CMK



F72099 RAF Mechanics for Wellington - CMK

1/32nd Scale

Subject: Japanese Navy Pilots, WWII

Scale: 1/32nd

Product No.: F32081

Type: Figure

Designed for: N/A

Price: £TBA

Includes: This set of two figures depicts Japanese pilots from the WWII era, both standing in full flying clothing, which would be ideal for posing by your Tamiya Zero!

Conclusion

Both of these sets of figures are beautifully cast and have excellent detail. The facial features of the Japanese figures are very realistic indeed.

Our thanks to CMK for the review samples. UK modellers can obtain this range from Hannants.

Part

The latest batch of etched detail sets from this manufacturer has been sent directly to us by Jadar-Model for review this month.

1/72nd Scale

Subject: Bristol F.2b Fighter
Scale: 1/72nd
Product No.: S72-205
Type: Detail Set
Designed for: Roden kit
Price: £TBA

Includes: This single-fret set offers a new pilot's seat with harness, instrument panel, rudder pedals, control column, priming pump, ammunition drums, a complete framework for inside the fuselage, wheels, control horns, pitot, scarf ring, radiator shutters, propeller boss and windscreen.

Subject: RAF S.E.5a
Scale: 1/72nd
Product No.: S72-206
Type: Detail Set
Designed for: Roden kit
Price: £TBA

Includes: This single-fret set offers a new pilot's seat with harness, instrument panel, rudder pedals, Very pistol, a complete framework for inside the fuselage, control column, priming pump, windscreen, ring sight, propeller boss, wheels, control horns, pitot, upper wing gun mounting rail, rigging attachments and radiator screens.

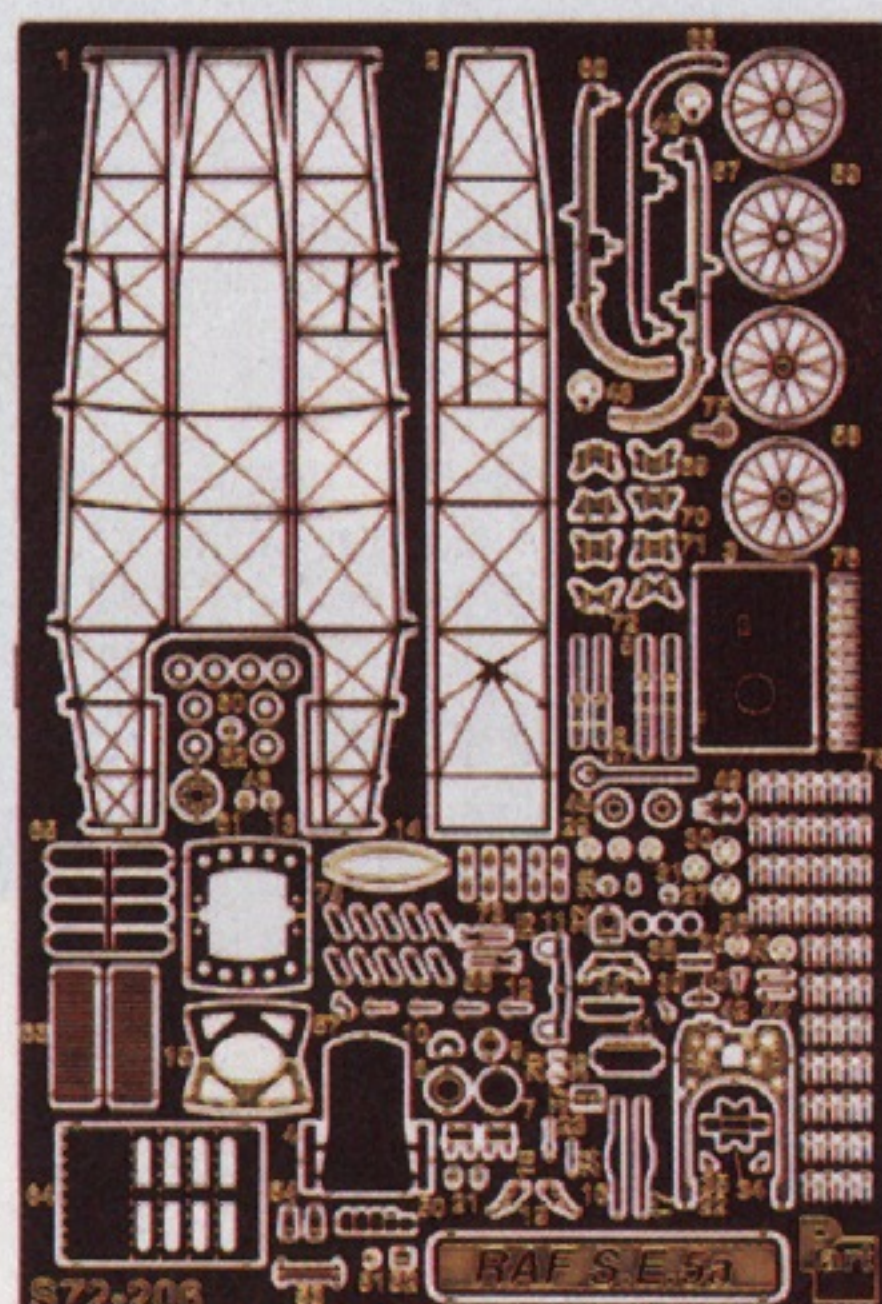
Subject: RWD.14b Czapla
Scale: 1/72nd
Product No.: S72-205
Type: Detail Set
Designed for: ZTS Plastyk kit
Price: £TBA

Includes: This two-fret set offers ammunition drums, Very pistol, instrument panels, rudder pedals, sidewall details, floor, rear bulkhead, external access panel and grab handle surrounds, control horns, cowling shutters, ring and bead sight, gun ring, wheel hubs, tailwheel hub and details and various external panels for the fuselage and wings.

1/48th Scale

Subject: Gloster Sea Gladiator
Scale: 1/48th
Product No.: S48-119
Type: Detail Set
Designed for: Roden kit
Price: £TBA

Includes: This two-fret set offers a new pilot's seat with belts, instrument panel, sidewall details, rudder pedals, access door, throttle box, rear bulkhead, canopy, wheel hubs, carburettor intake screens, oil cooler



S72-206 RAF S.E.5a (Roden) - Part

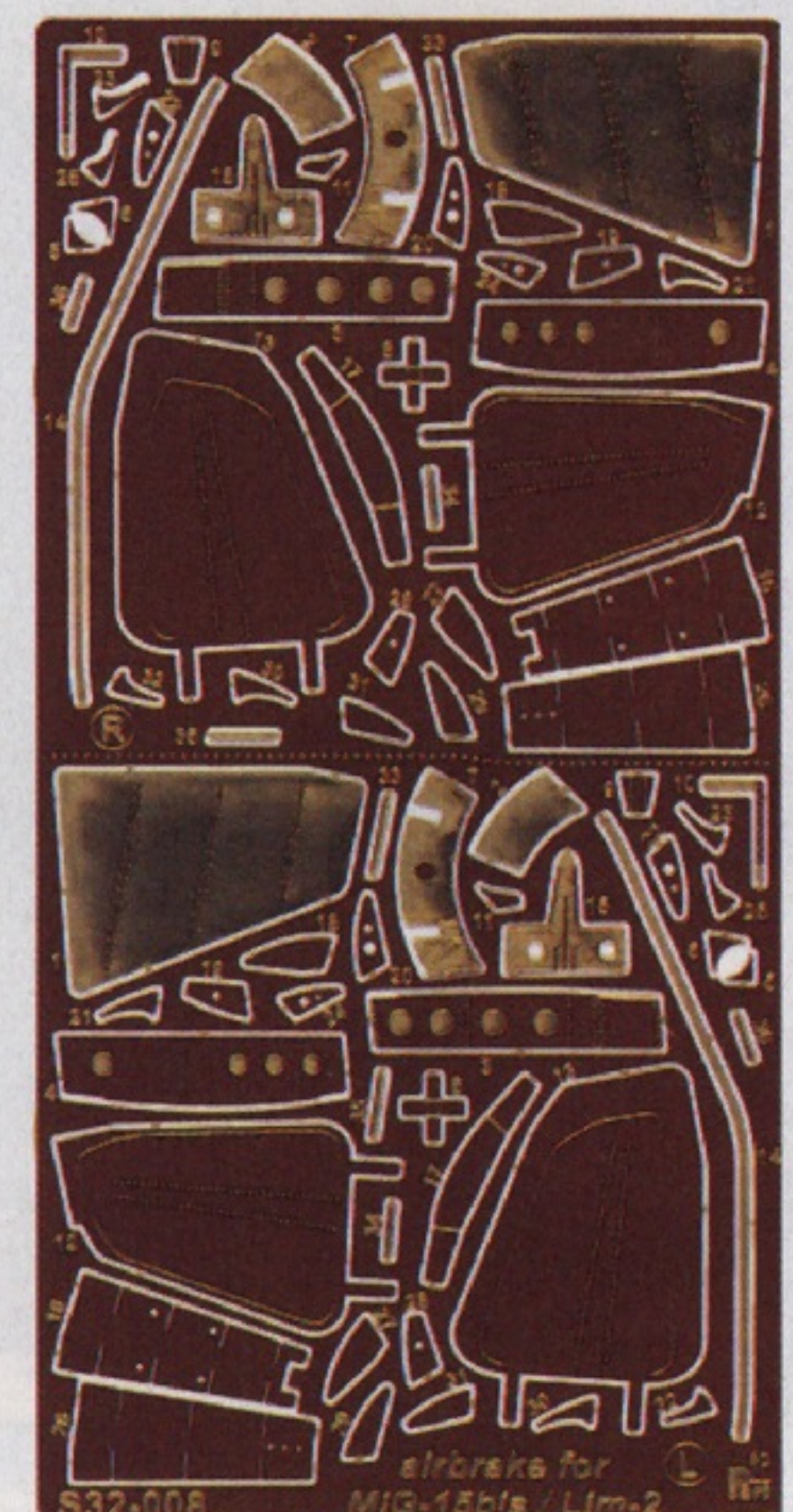


S32-007 Airbrakes for MiG-15/Lim-1 (Trumpeter) - Part

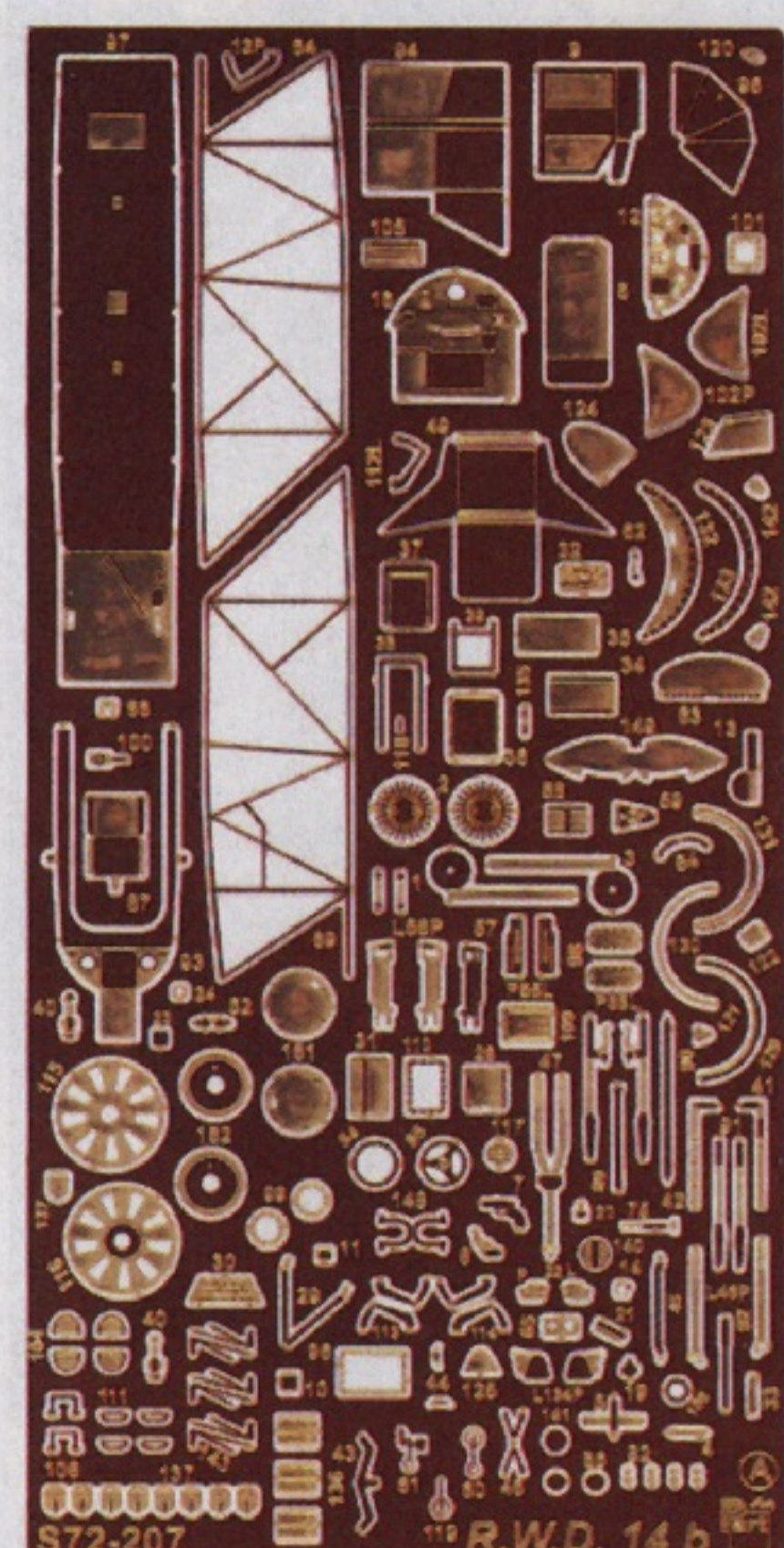
shutters, gun barrels, arrestor hook, a full set of flaps and a complete set of rigging wires.

1/32nd Scale

Subject: Airbrakes for MiG-15/Lim-1
Scale: 1/32nd
Product No.: S32-007
Type: Detail Set
Designed for: Trumpeter kit
Price: £TBA



S32-008 Airbrakes for MiG-15bis/Lim-2 (Trumpeter) - Part



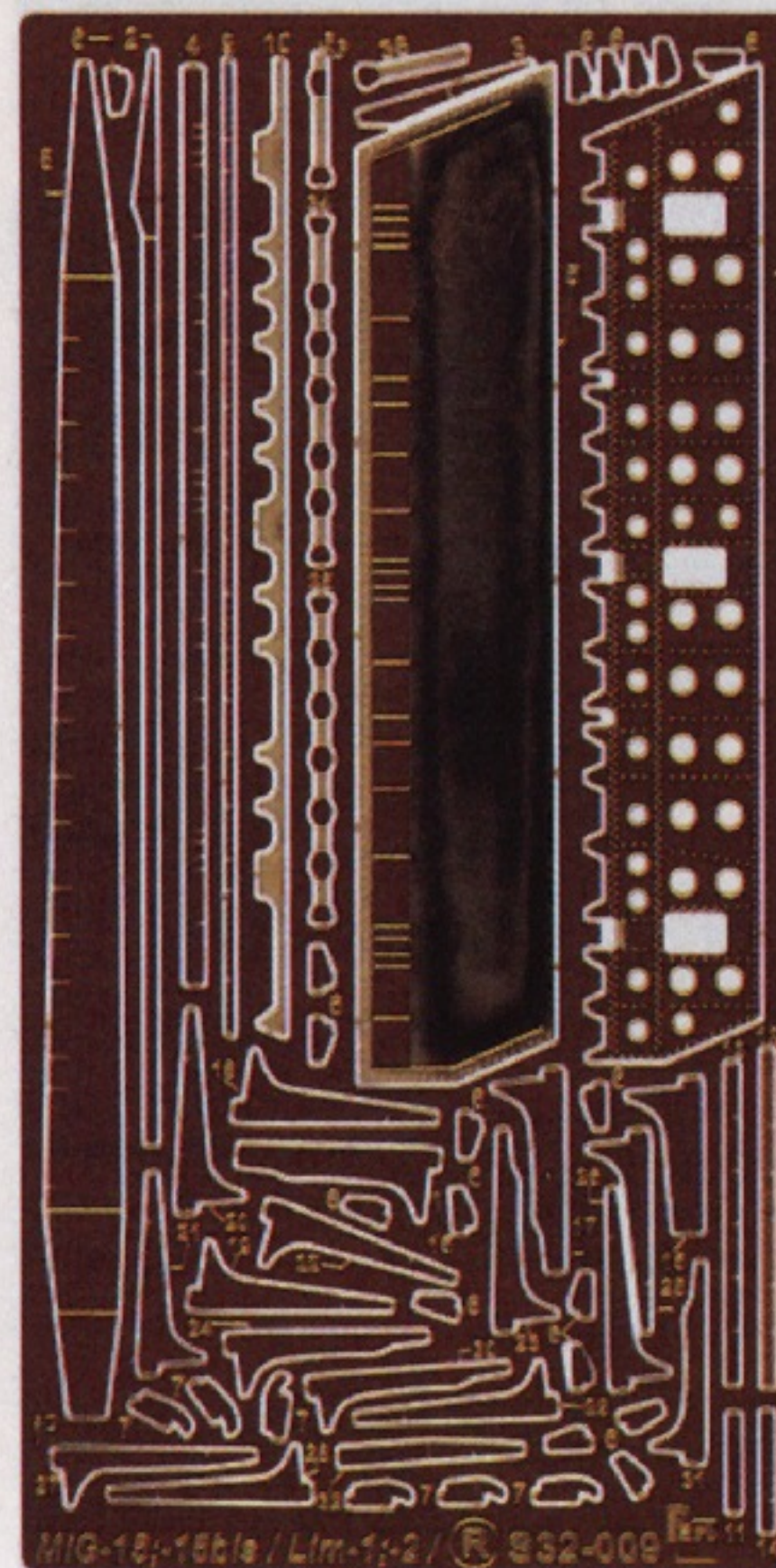
S72-205 RWD.14b Czapla (ZTS Plastyk) - Part

Includes: This single-fret set offers a completely new set of air brake interiors as well as the air brakes themselves

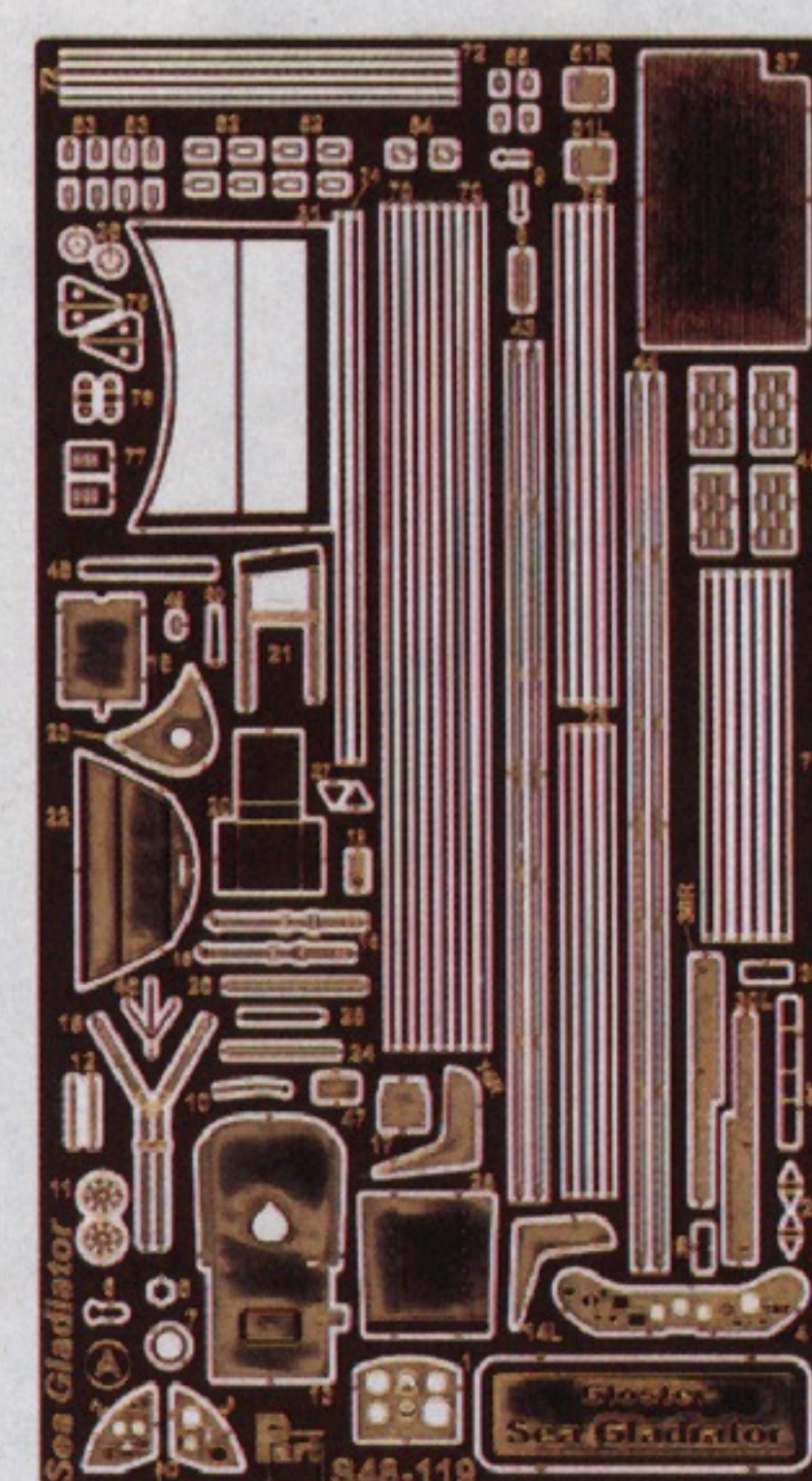
Subject: Airbrakes for MiG-15bis/Lim-2
Scale: 1/32nd
Product No.: S32-008
Type: Detail Set
Designed for: Trumpeter kit
Price: £TBA

Includes: This single-fret set offers a set of open air brakes for the MiG-15bis and/or Lim-2. These comprise a completely new set of air brake interiors and both early and late styles of air brakes themselves

Subject: Flaps for MiG-15bis/Lim-2
Scale: 1/32nd
Product No.: S32-009
Type: Detail Set



S32-009 Flaps for MiG-15bis/Lim-2 (Trumpeter) - Part



S48-119 Gloster Sea Gladiator (Roden) - Part

Designed for: Trumpeter kit

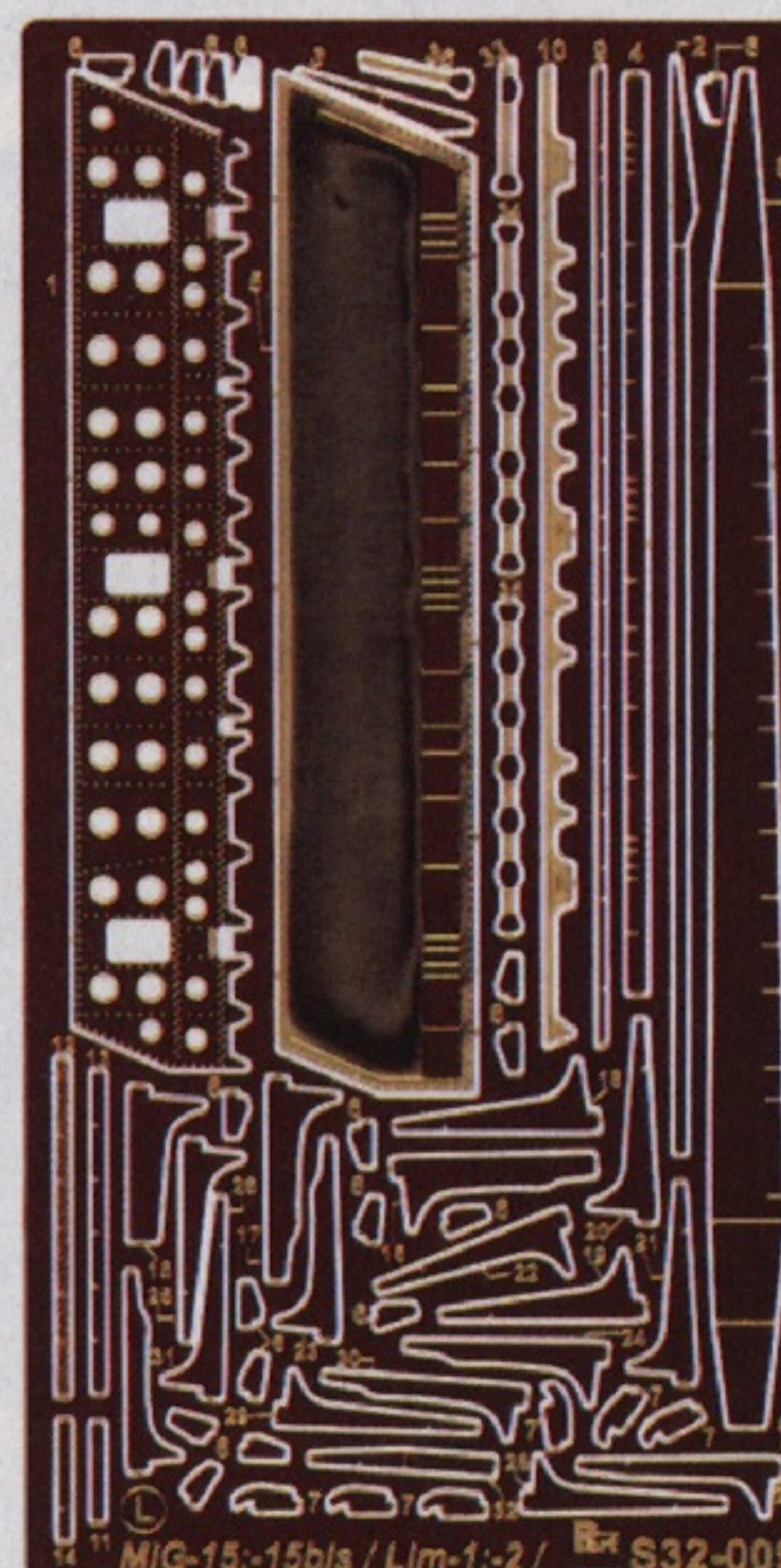
Price: £TBA

Includes: This two-fret set offers a complete set of open flaps for the MiG-15bis and/or Lim-2. These include both the interior or the flap area in the wing, as well as the flaps themselves.

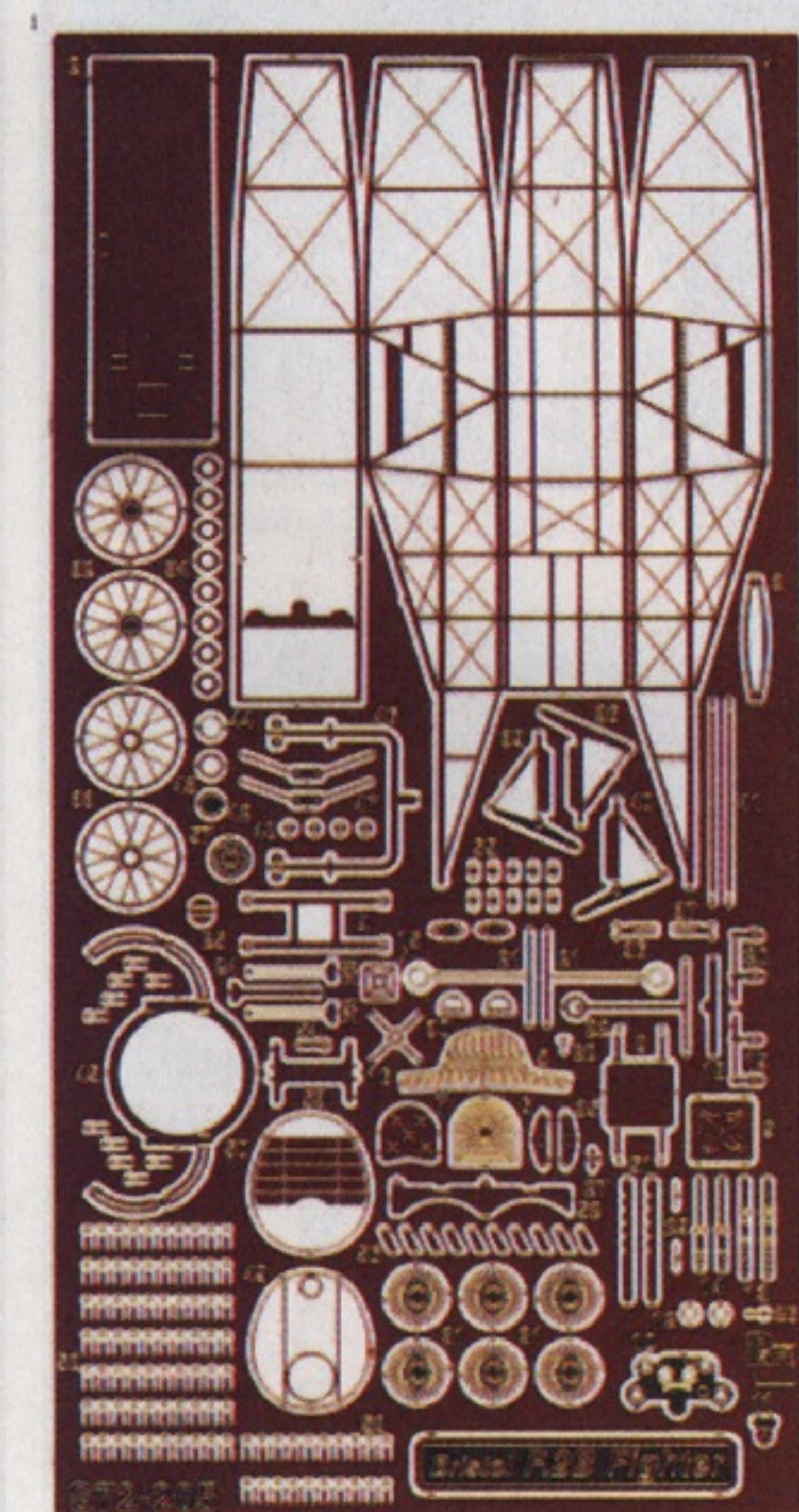
Conclusion

Another excellent selection of new releases from Part. They certainly produce lovely detail sets that are the equal of any other manufacturers' work and they can all therefore be highly recommended to experienced modeller.

Our thanks to Part (Jadar-Model) for the review samples. UK modellers should contact Aeroclub for price and availability of the featured sets.



S32-009 Flaps for MiG-15bis/Lim-2 (Trumpeter) - Part



S72-205 Bristol F.2b Fighter (Roden) - Part



AIRES AMERICA

AeroMaster PRODUCTS

Calibre 35
A Division of Pentagon Group Ltd.

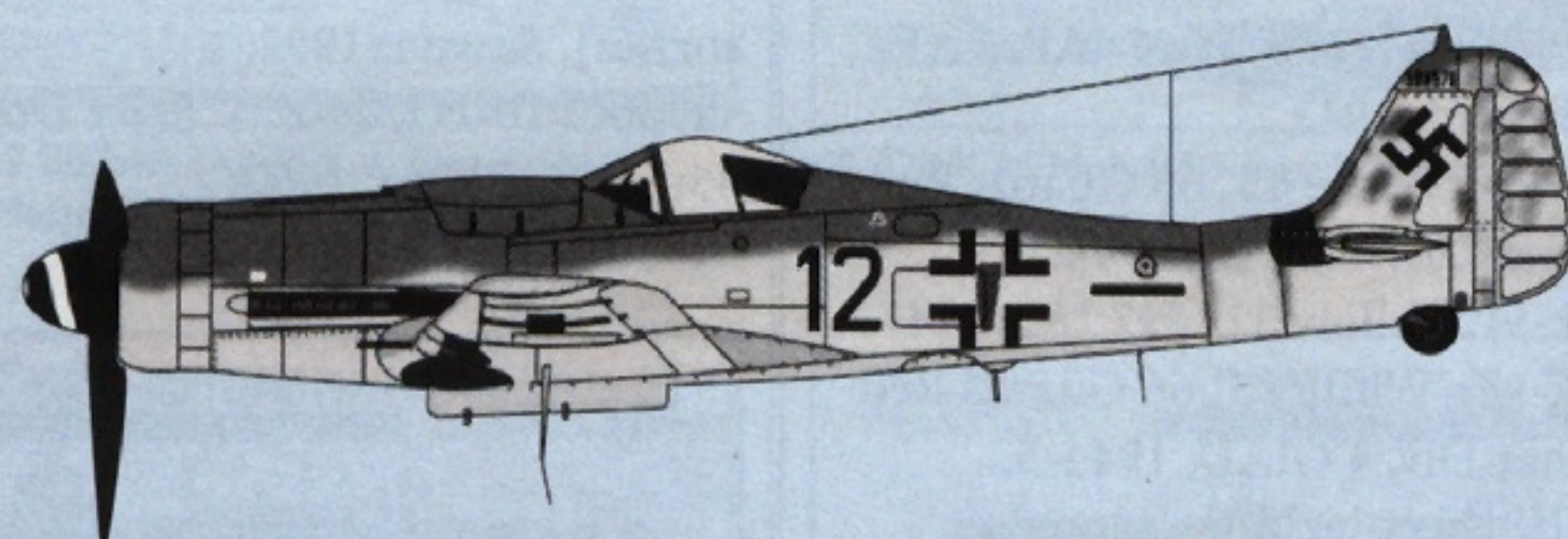
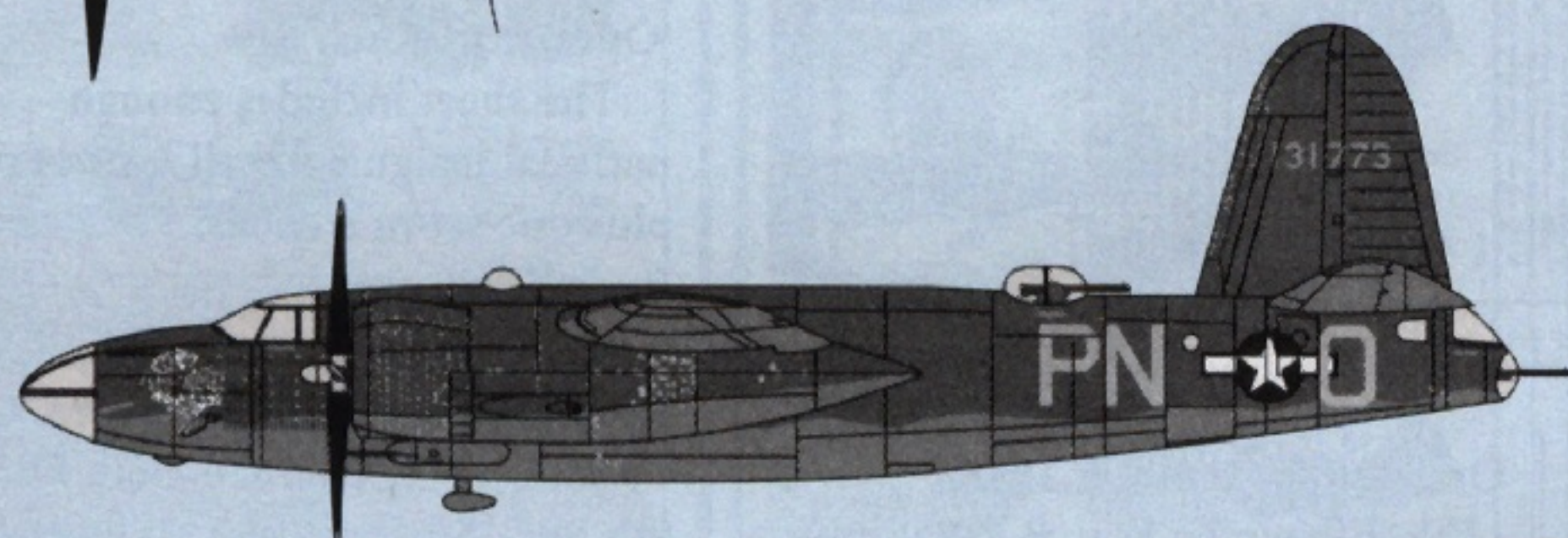
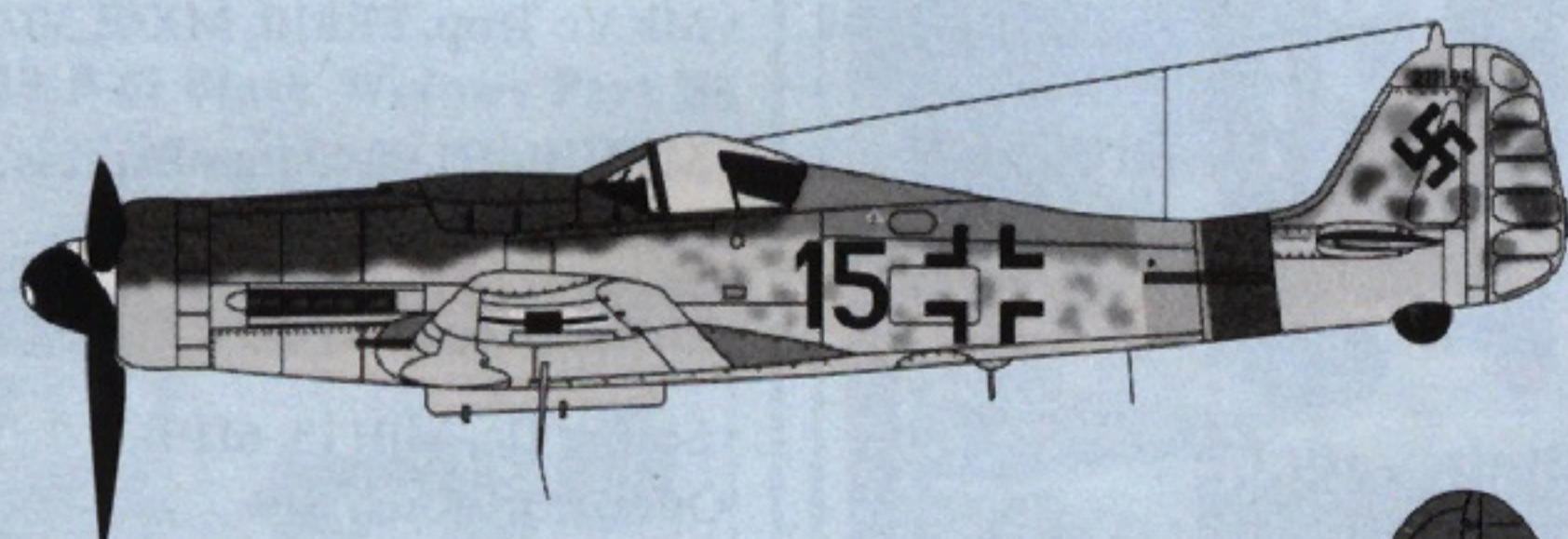
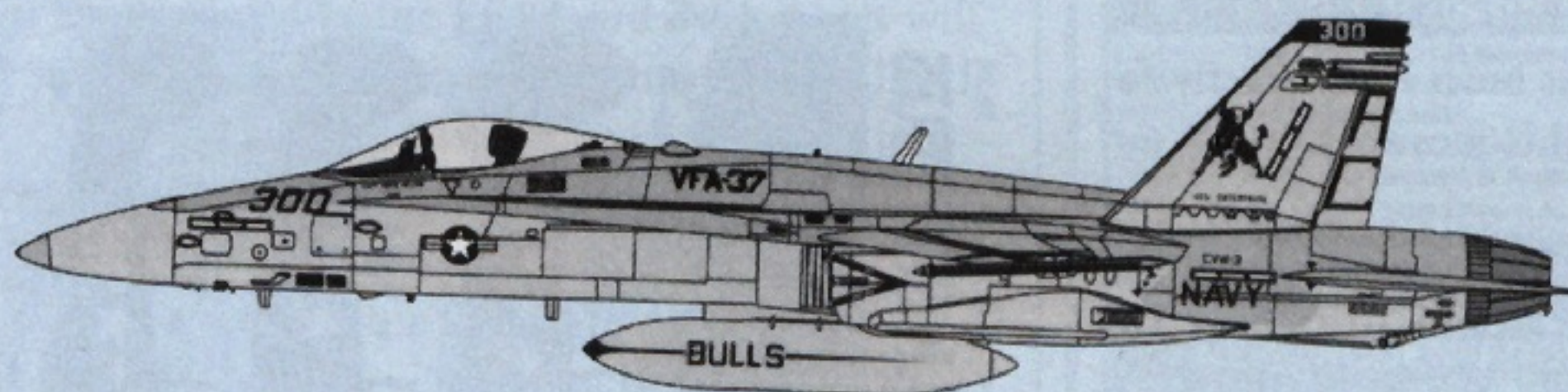


The best value for your money. Anywhere, anytime...

Eagle Strike Decals & AeroMaster Late August, Early September Release

Eagle Strike

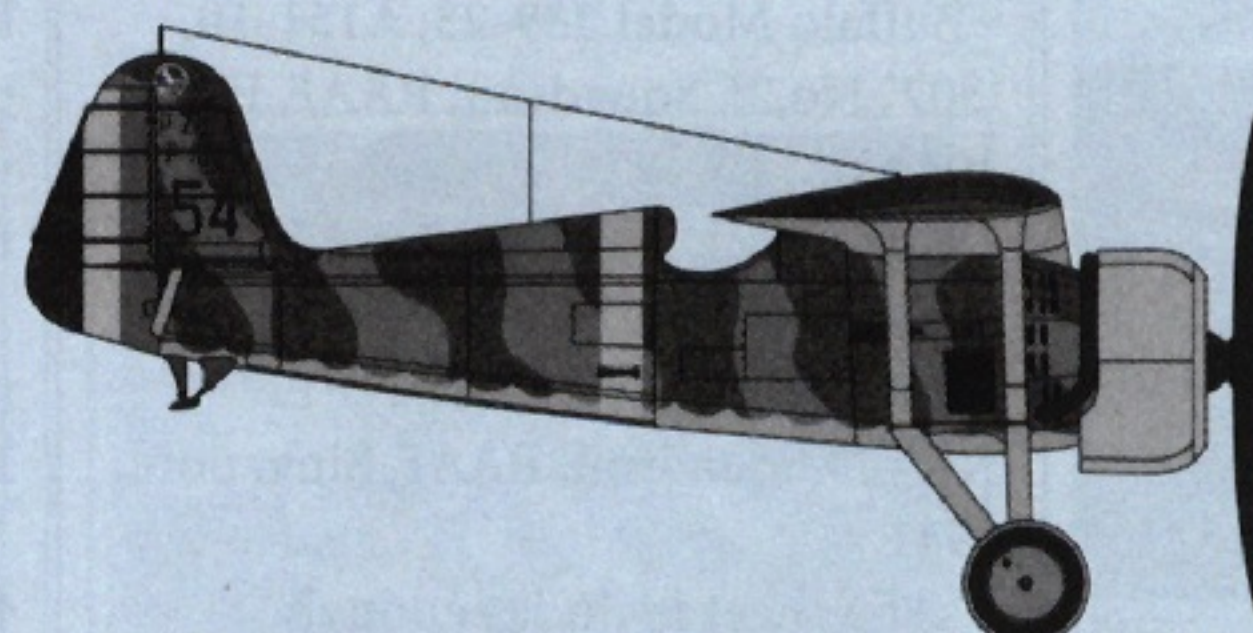
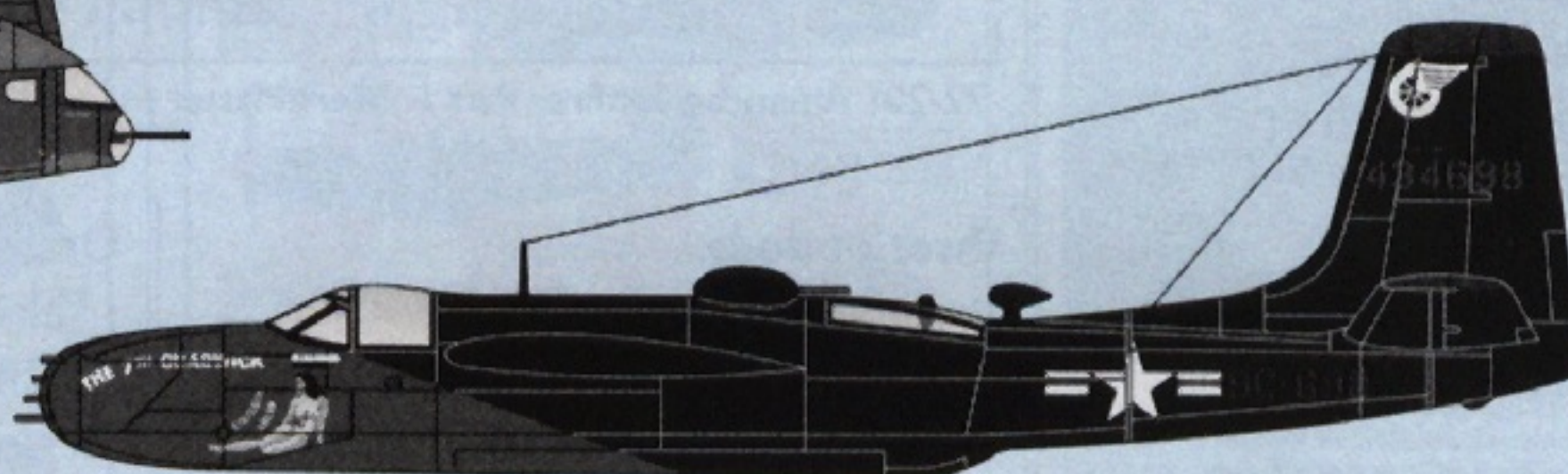
- 32049 Freedom Hornets Pt. I
- 32050 Freedom Hornets Pt. II
- 32051 Freedom Hornets Pt. III



- 48-584 SuperSabres USAF (F-100D) Pt. I
- 48-617 Best Sellers "Marauding Invaders" Pt. III
- 48-621 Early Warriors PZL
- 48-626 Best Sellers "Marauders" Pt. I
- 48-636 Too Little, Too Late Fw 190D-9's Pt. I
- 48-637 Too Little, Too Late Fw 190D-9's Pt. II
- 48-638 Too Little, Too Late Fw 190D-9's Pt. III

AeroMaster

- 32-012 Too Little, Too Late Fw 190D-9's Pt. I
- 32-013 Too Little, Too Late Fw 190D-9's Pt. II
- 32-014 Too Little, Too Late Fw 190D-9's Pt. III



Still Available from August ...

48061 British Thoroughbreds Spitfires Mk. IX Pt. III • 48074 F-16 Falcons Pt. III • 48116 F-9F-5 Phantoms Pt. III • 48117 Colorful Corsairs Pt. I
48118 Colorful Corsairs Pt. II • 48130 Texans over Korea (T-6's) Pt. I • 48131 Texans over Korea (T-6's) Pt. II
48134 Russian National Insignia. W.W. II • 48137 U.S. Insignias (1947-Today) • IP4805 357th F.G. In Profile (P-51's) Pt. IV • IP 4810 352 Blue
Nose Bastards of Bodney (P-51's) Pt. IV • IP7204 357th F.G. In Profile (P-51's) Pt. III • IP7209 352 Blue Nose Bastards of Bodney (P-51's) Pt. III

The following titles are ready to go to print, and will be available in the next few months:

Green Nose Mustangs, the 359th • 56th Fighter Group Thunderbolts • Colorful Corsairs (A-7) • Shooting Stars • Mirage F-1
Marauders • F-102 Delta Daggers • PZL P11 • ThunderJets • P-38 Lightnings • Bf-109's • Supersabres • T-6 • Invaders • Spitfires Down Under
Aussie Beaufighters and Spitfires • Mosquitos • F-4 Phantoms • Aeronavale • Barbarosa • Yaks, The Russians are Here • etc....

Available at your local Hobby Store Worldwide
or visit:

www.aeromaster.com
www.eaglestrikeprod.com



Attention to Hobby Stores!!!

If these products are not available to you through your suppliers, drop us
a note for the name of our closest distributor to you.

ESP is the exclusive importer of Aires Model Products and Calibre.35 for the American Continent.

Most orders for existing items shipped within 48 hours.

Office and Warehouse: 12982 SW 132nd Ave. Miami, FL. 33186 U.S.A Ph: (786) 293-6859, Fax: (786) 293-9286.

AeroMaster

The latest batch of releases from AeroMaster has been sent directly to us for review this month.

1/72nd Scale

72-201 American Spitfires Part I

- Mk Vb, EN799, MX•R, 307th FS, RAF Manston.
- Mk Vc Trop, WZ•B, 309th FS flown by Lt. R.J. Connor.
- Mk IX, MK210, flown by Lt. Col. Gustav Lundquist. This aircraft has huge pin-up nose art.
- Mk IX, WZ•HH, 309th FS, flown by Capt. Harry Barr, Italy, 1943.
- Mk IX, WZ•RR, 309th FS, 'Porky II - That's All Folks' flown by Lt. R.J. Connor in February/March 1944.

The decal sheet includes all national insignia for each option plus four sets of stencils.
Price: £8.00

72-202 US Spitfires [Africa & Italy]

- Mk Vc Trop, ER810, MX•P, 307th FS.
- Mk VIII, HL•X, 'Fargo Express', Italy, 1944.
- Mk IX, WZ•JJ, 309th FS 'Lady Ellen III'.
- Seafire IIc, MB113, 6H•B, Operation Torch.

The decal sheet includes all national insignia for each option plus four sets of stencils.
Price: £8.00

1/48th Scale

48-606 Kennedy's Tomcats 2002/3 Part II

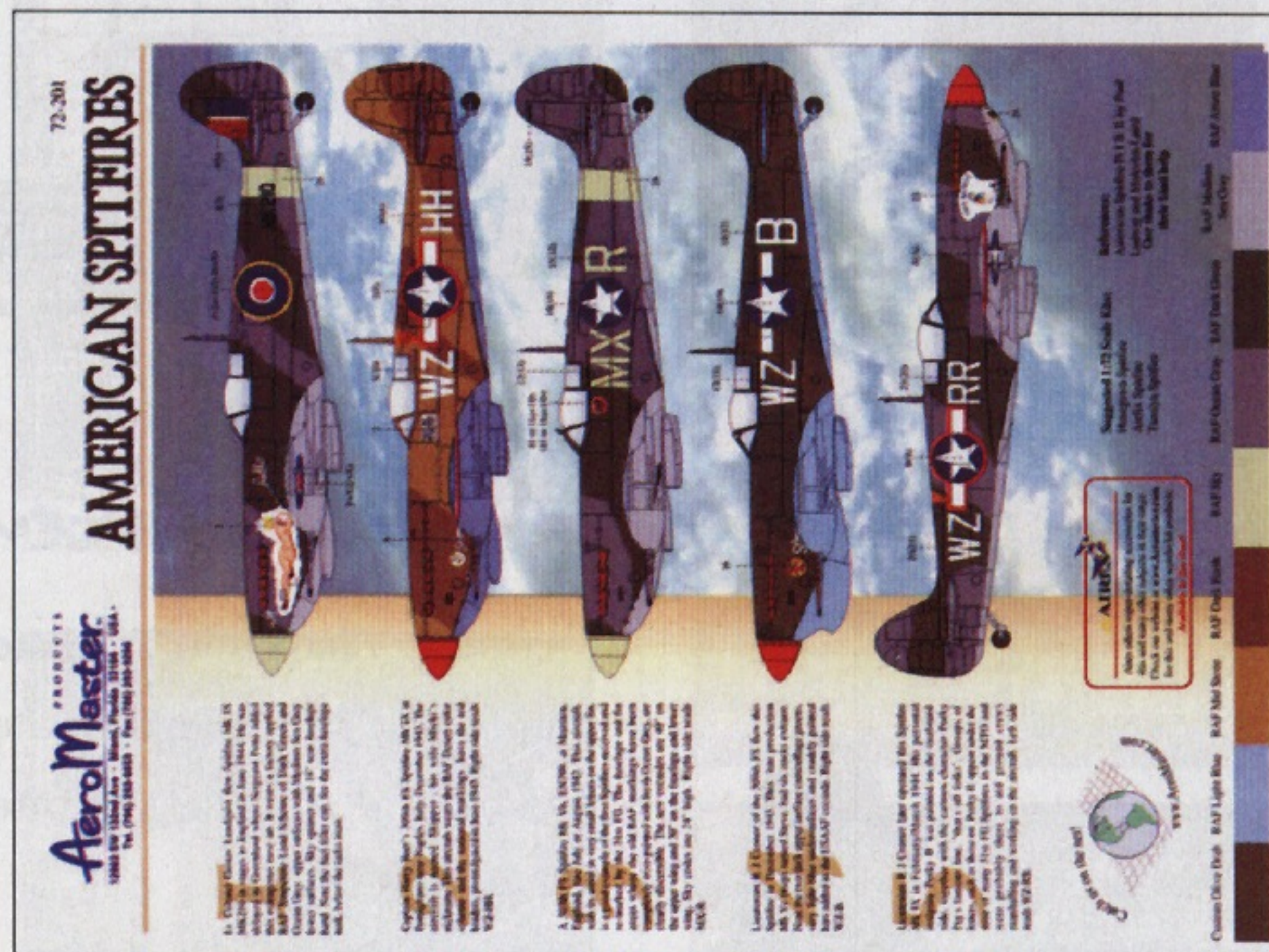
- F-14B, BuNo.162924, '114', VF-143 'Pukin Dogs', USS John F. Kennedy.
- F-14B, BuNo.162927, '205', VF-11 'Red Rippers', USS John F. Kennedy.
- BuNo.161433, '200', VF-11 'Red Rippers' (CAG), USS John F. Kennedy.

The sheet includes enough national insignia and stencils for all three options.
Price: £8.50

48-607 Kennedy's Hornets 2002/03 Part I

- F/A-18C, BuNo.164221, '300' (CAG), VFA-126 'Knighthawks', USS John F. Kennedy.
- F/A-18C, BuNo.164212, '400' (CAG), VFA-131 'Wildcats', USS John F. Kennedy.
- F/A-18C, BuNo.164226, '402', VFA-131 'Wildcats', USS John F. Kennedy.

The sheet includes enough national insignia and stencils for all



72-201 American Spitfires Part I - AeroMaster

three options.
Price: £8.50

48-619 Buffalos over South East Asia • Buffalo 339C, B-3110, Netherlands East Indies Army Air Corps, Singapore, 1942.

- Buffalo Model 339-23, A151-10, '307', No.25 Squadron, RAAF, Perth, 1942.
- Buffalo Mk I, AS430, No.4 PRU, Seletar, late 1941
- Buffalo Mk I, WB209, TD•F, No.453 Squadron, RAAF, Singapore, 1941.

The sheet includes enough national insignia for all four options.
Price: £7.75

48-620 P-36 Mohawks over South East Asia

- Mohawk IV, LA164, 'White 6', No.1 OTU, India 1942/3.
- Mohawk IV, BS795, OQ•W, No.5 Squadron, India 1942/3.
- Mohawk IV, AR690, 'E', No.5 Squadron, India 1942/3.
- Mohawk IV, BJ442, 'Y', No.155 Squadron, India 1942/3.
- Mohawk IV, BS790, WPB•, Mohawk Wing (Nos 5 & 155 Squadrons), India 1942/3.
- Mohawk IV, BJ451, 'B', No.155 Squadron, India 1942/3.
- Mohawk IV, AR674 H•, No.155 Squadron, India 1942/3.
- Mohawk IV, BJ454, C•, No.155 Squadron, India 1942/3.

The sheet includes enough national insignia for four options.
Price: £8.00

48-622 Yak Fighters

- Yak-1B, 'White 13', 65 Guards Red Banner Division, 4 GIAD,

Note: All items for this column are to be sent to:
Group Editor (Richard A. Franks), P.O. Box 426, Bedford, MK43 0WF

The sheet includes enough national insignia for all four options.
Price: £8.00

48624 US Spitfires [Africa & Italy]

- Mk Vc Trop, ER810, MX•P, 307th FS.
- Mk VIII, HL•X, 'Fargo Express', Italy, 1944.
- Mk IX, WZ•JJ, 309th FS, 'Lady Ellen III'.
- Seafire IIc, MB113, 6H•B, 'Operation Torch'.

The sheet includes enough national insignia for all four options plus one set of stencils.
Price: £8.00

48-627 F-80s over Korea Part I

- F-80C-10-LO, 49-876, 36th FBS, 8th FBG, Suwon, 1952.
- F-80C-10-LO, 49-591, 80th FBS, 8th FBG, 'Spirit of Hobo' [50,000 sorties], Suwon, 1952.
- F-80C-10-LO, 49-671 'Salty Dog', 35th FBS, Korea, 1950.
- F-80C-10-LO, 49-705

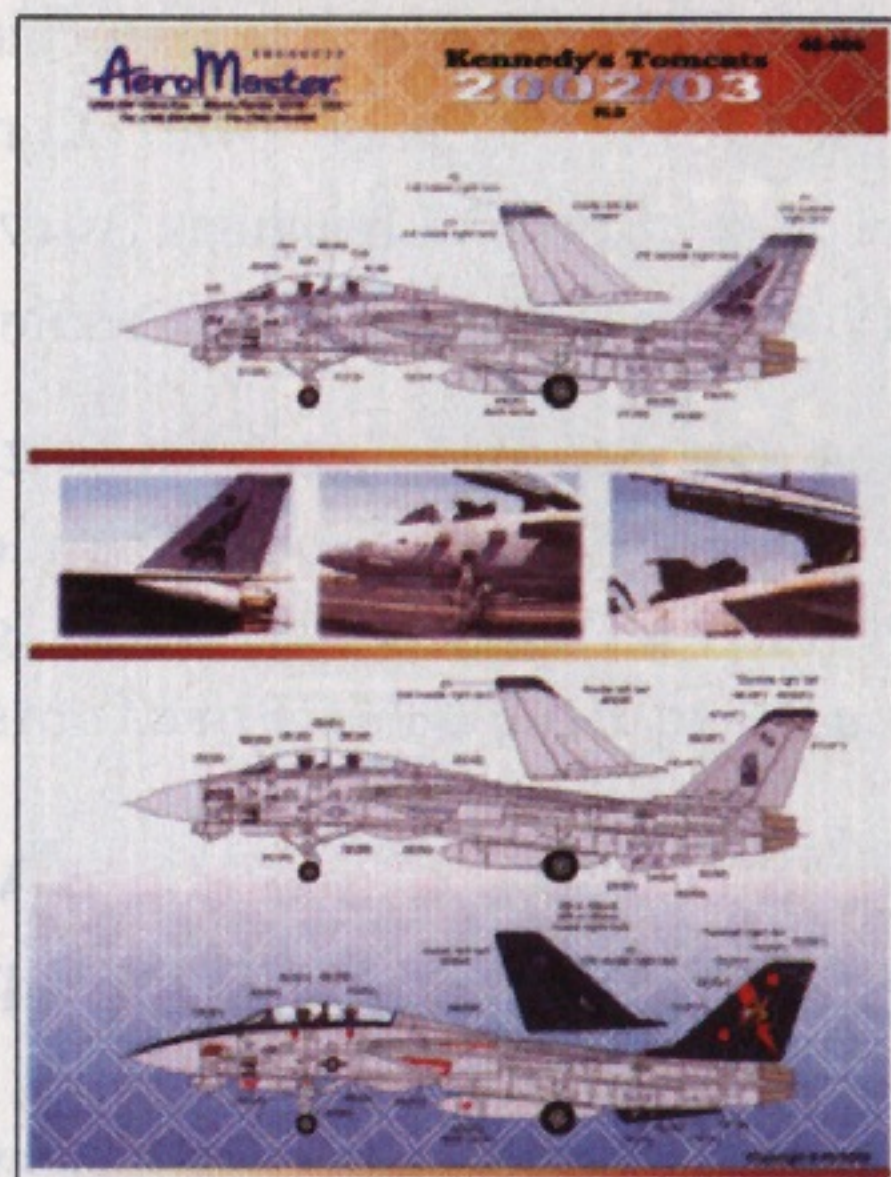
Orel-Kursk, Summer 1943.

- Yak-3 flown by Maj. B.P. Baranov, 4 GIAD, Perleberg Aerodrome, Germany, 1947.
- Yak-7B, 'White 31', 897 IAP, 2 AE, Stalingrad, 1942.
- Yak-7B, 'White 45', 65 Guards Red Banner Div, 4 GIAD, 1944.
- Yak-9P, 'Yellow 32', 897 IAP, 1947
- Yak-9T, 'White 85', 66 Guards Red Banner Div, 4 GIAD, 1944-5.

The sheet includes enough national insignia for all six options.
Price: £8.00

48-623 Ki-84 Imperial Hayates Pt III

- Ki-84Ko, 1st Hiko-Sentai, Philippines, 1945
- Ki-84A, 1st Fighter Regiment, 3rd Chutai, Taichung, Formosa, 1945.
- Ki-84Ko, 'Red 071', 52nd Hiko-Sentai, 2nd Chutai, Shimodate, Ibaraki, Japan, 1945.
- Ki-84a, 'White 16', 520th Temporary Interception Regiment, Nakatsu Airfield, Japan, 1945.



48-606 Kennedy's Tomcats 2002/3 Part II - AeroMaster



72-202 US Spitfires [Africa & Italy] - AeroMaster



48-607 Kennedy's Hornets 2002/03 Part I - AeroMaster

'Ramblin=Reck=Tew', 35th FBS, Korea, 1950.

The sheet includes enough national insignia for one option plus one complete set of stencils. Price: £10.00

48-628 P-61 Black Widows Part I

- 42-5610 'Midnite Madness', 548th NFS, Le Shima, 1945.
- 42-39454, 'Cooper's Snooper', 548th NFS, Iwo Jima, 1945.
- 42-39405 'The Spook/Anonymous III', 548th NFS, April 1945.

The sheet includes enough national insignia for two options plus one set of stencils. Price: £8.50

48629 P-61 Black Widows Part II

- 42-5527 'Moonhappy', 6th NFS,

Saipan, 1944.

- 42-5526 'Nightie Mission', 6th NFS, Saipan, 1944.
- 42-5528 'Jap-Batty', 6th NFS, Saipan, 1944.

The sheet includes enough national insignia for all three options plus one set of stencils. Price: £8.50

48-630 F-80s over Korea Part II

- F-80C-10-LO, 49-547 'Evil Eye Fleagle/Miss Barbara Ann', 36th FBS, 8th FBG, Suwon, 1951/2.
- F-80C-10-LO, 49-774, 'Strip N' Stare', 25th FIS, 51st FIW, Suwon, 1951/2.
- F-80C-10-LO, 49-806 'Fat Cat', 36th FBS, 8th FBG, Suwon, 1951/2.
- F-80C-10-LO, 49-746, 'Tiger D Flight/Brock Buster II', 16th FIS,

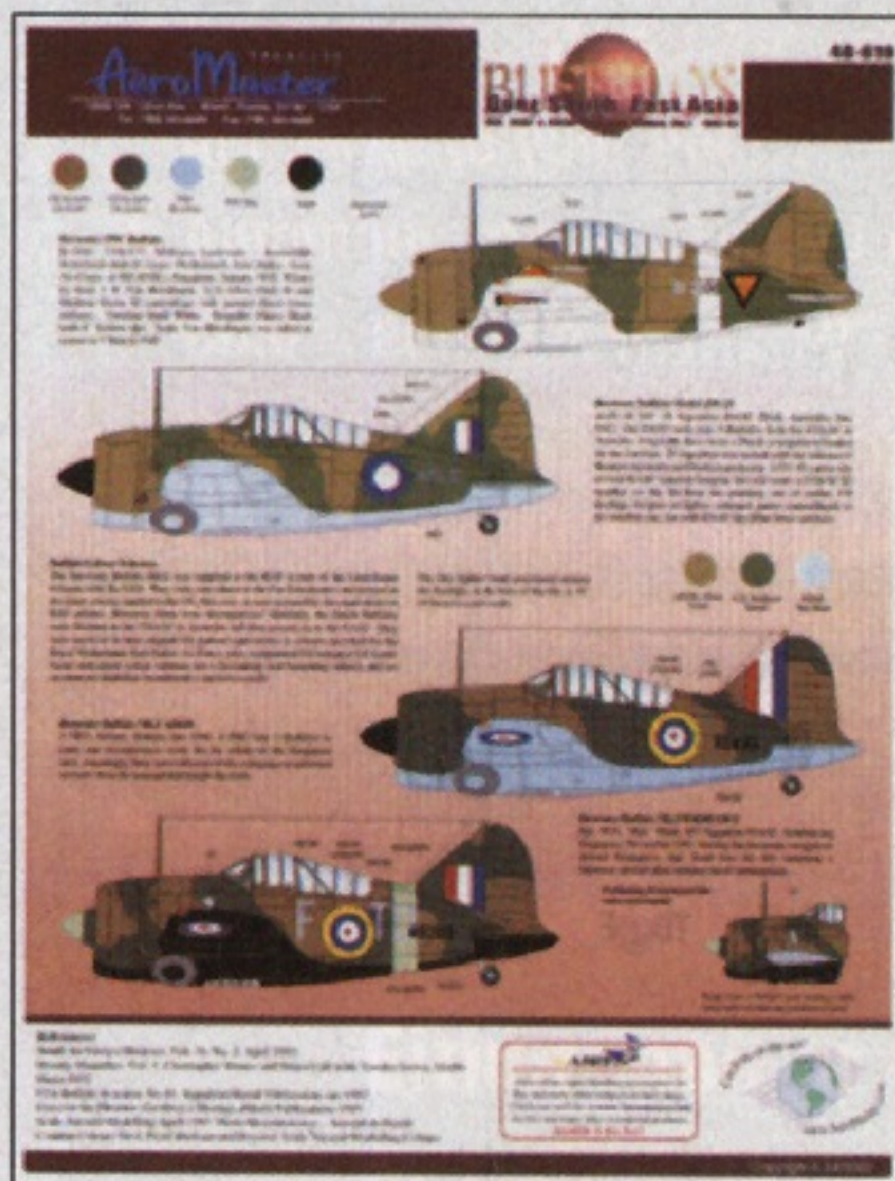
51th TFW, Suwon, 1952.

The sheet includes enough national insignia for one option plus one set of stencils. Price: £10.00

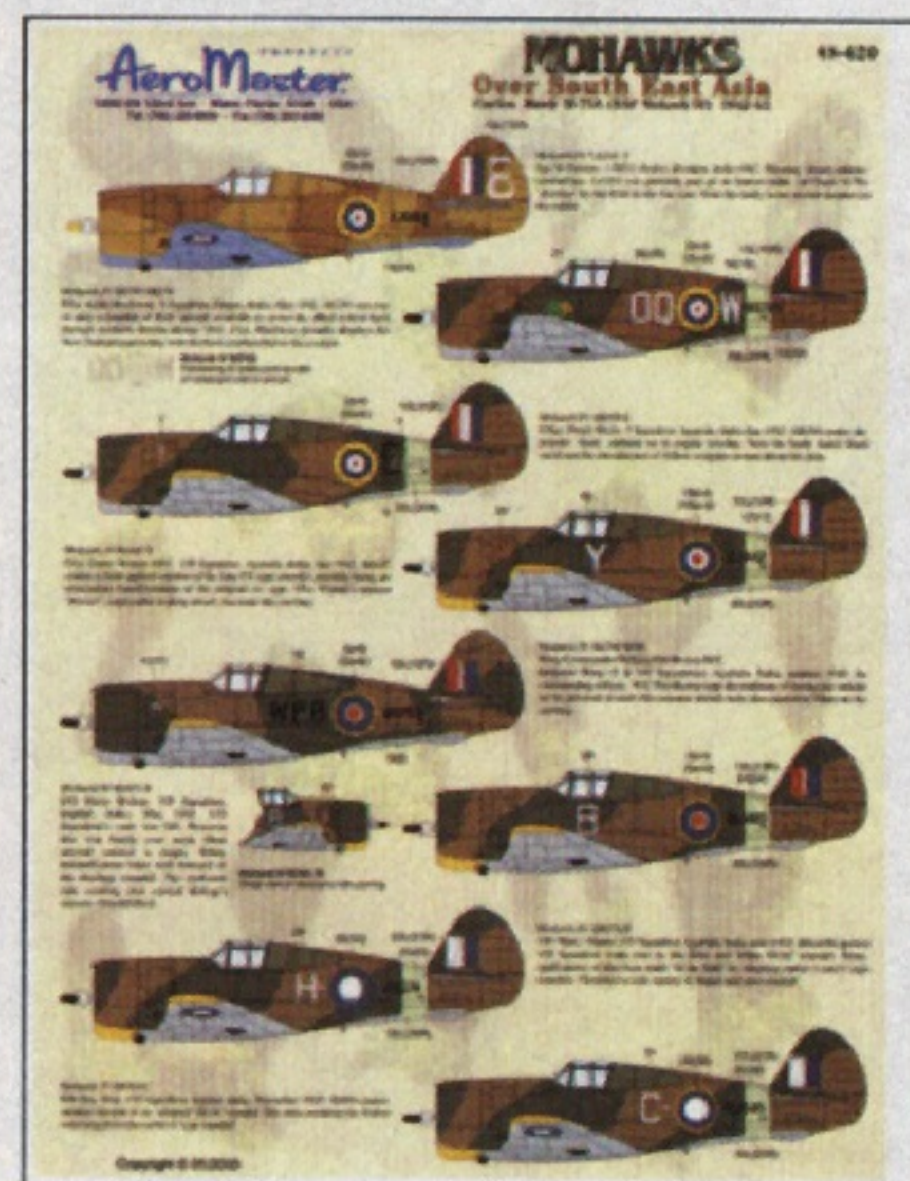
Conclusion

Another great selection of subjects from AeroMaster, all of which are printed to the high standards we all expect. The reissue of best sellers like the Ki-84 and P-61 sheets will certainly please those who missed them first time, while all the new ones are certainly worth considering.

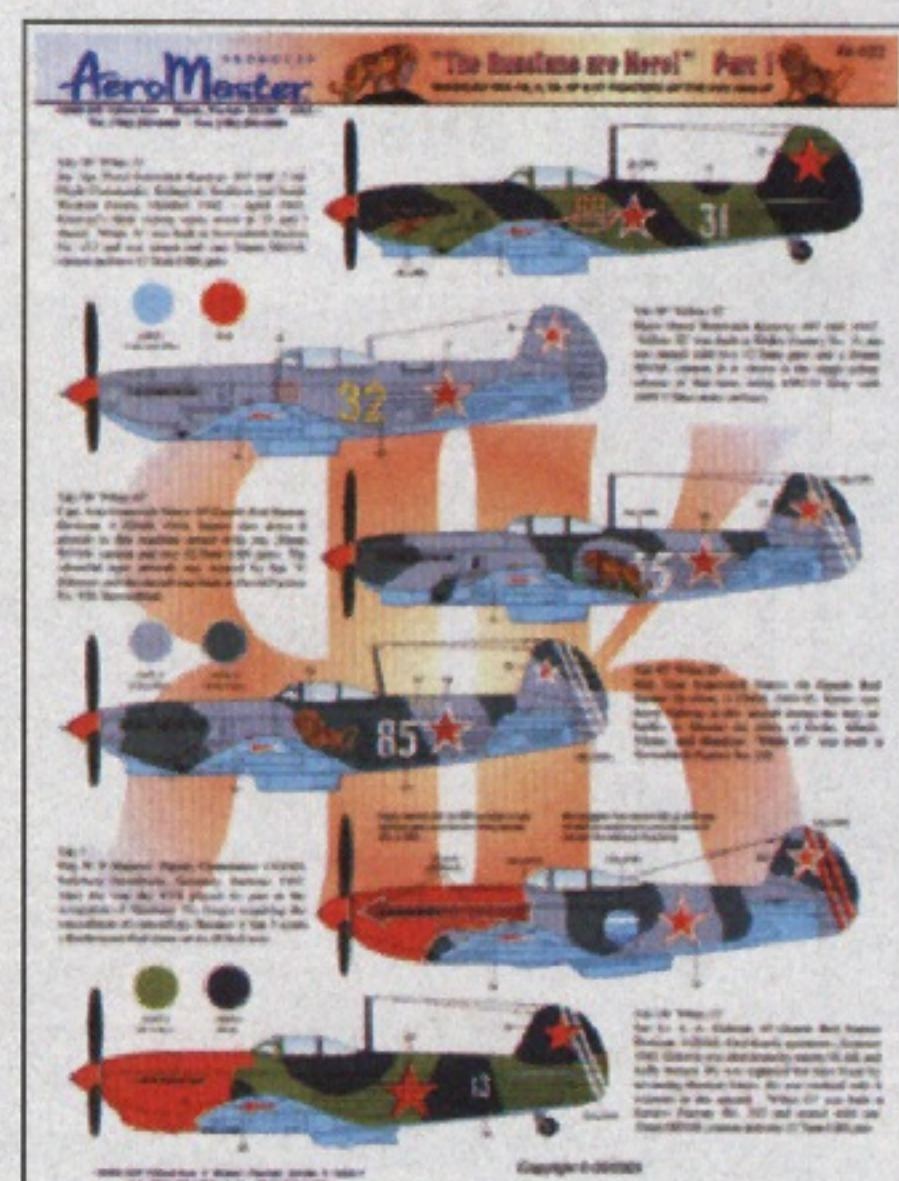
Our thanks to AeroMaster for the review samples. UK modellers may obtain this range from Hannants.



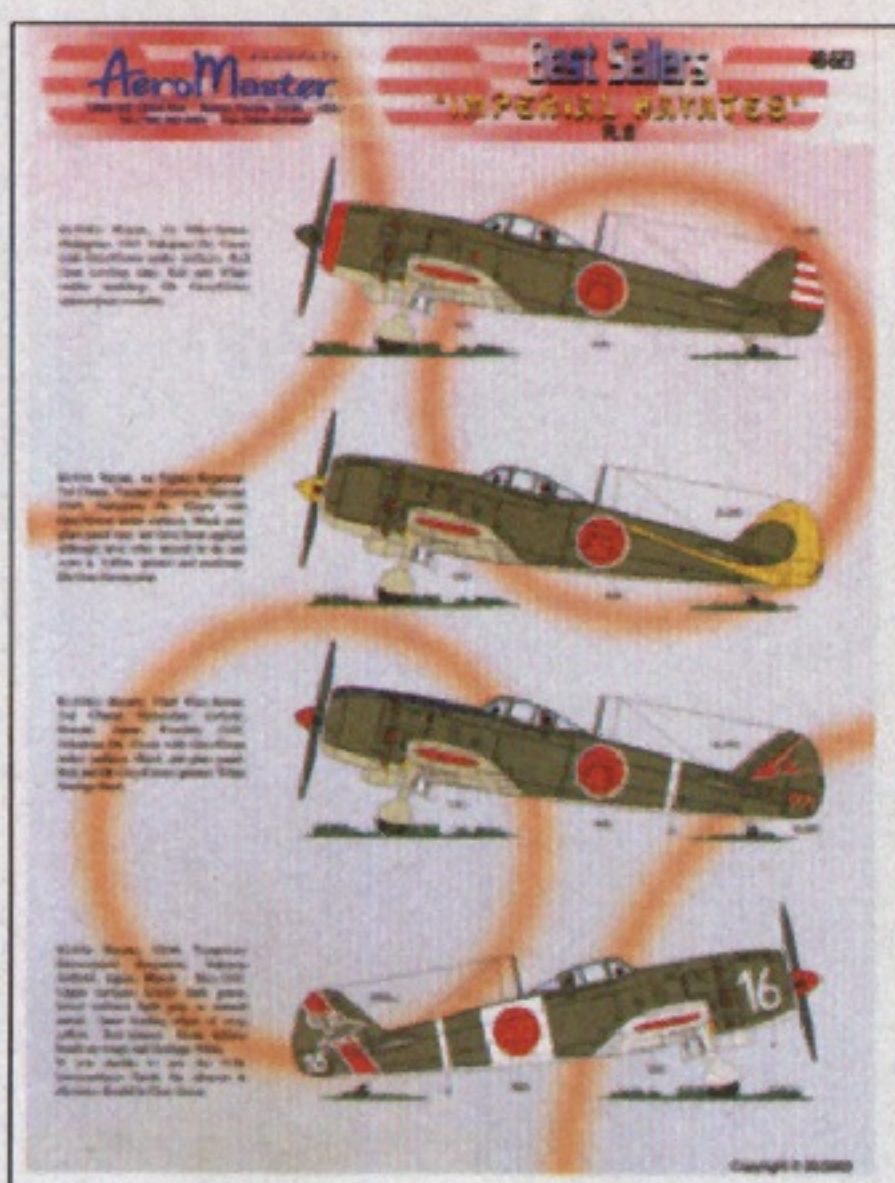
48-619 Buffalos over South East Asia - AeroMaster



48-620 P-36 Mohawks over South East Asia - AeroMaster



48-622 Yak Fighters - AeroMaster



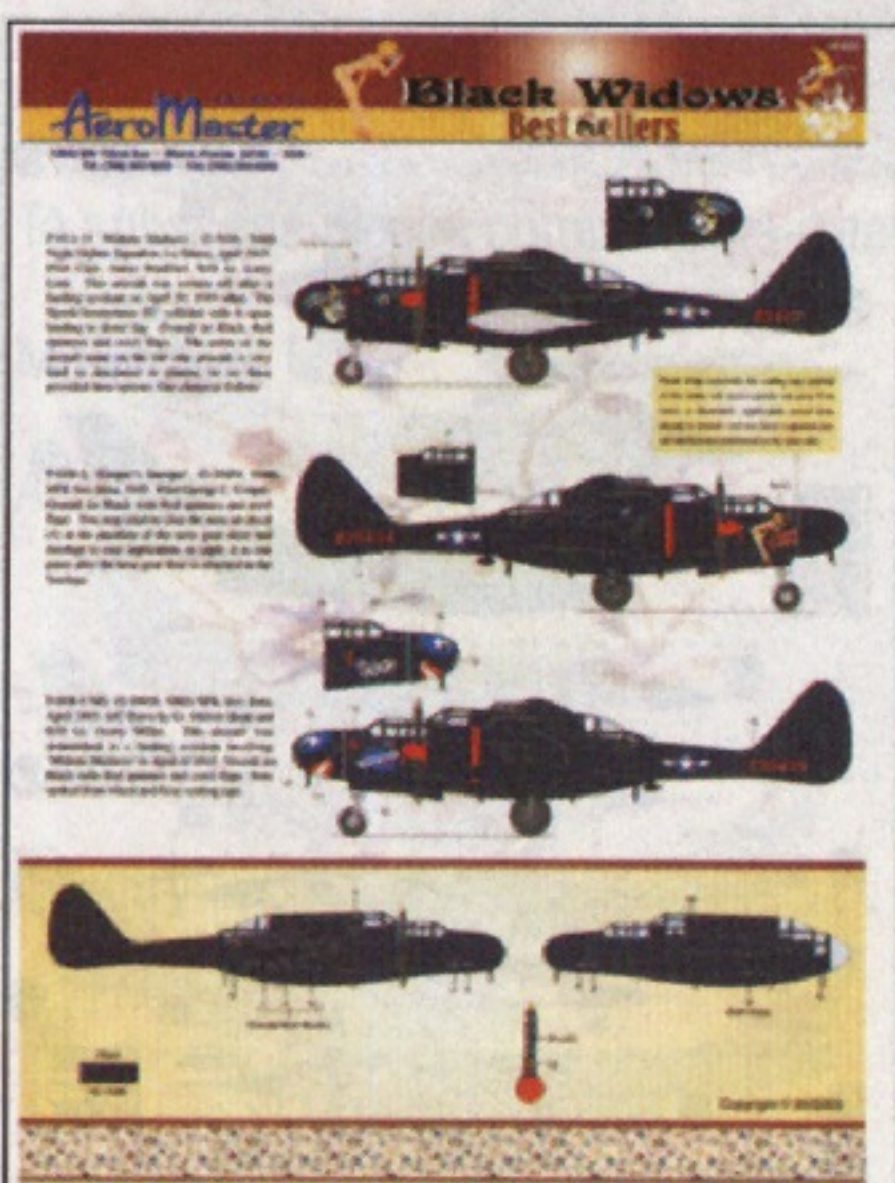
48-623 Ki-84 Imperial Hayates Pt III - AeroMaster



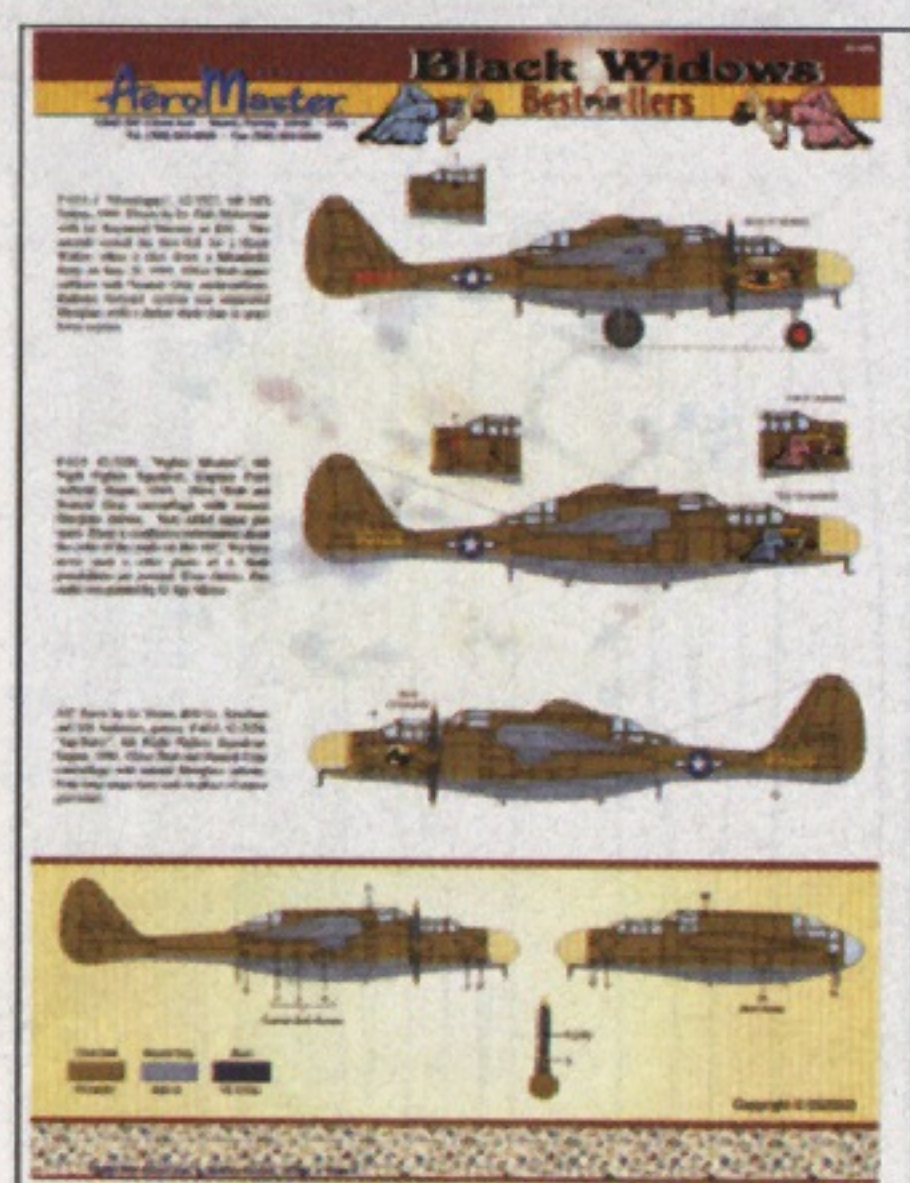
48624 US Spitfires [Africa & Italy] - AeroMaster



48-627 F-80s over Korea Part I - AeroMaster



48-628 P-61 Black Widows Part I - AeroMaster



48629 P-61 Black Widows Part II - AeroMaster



48-630 F-80s over Korea Part II - AeroMaster

AVAILABLE IN GOOD MODEL SHOPS

squadron/signal publications

Walk Around

C-130 Hercules



NEW & REISSUED BOOKS

| | | |
|------|---|--------|
| 5531 | Walk Around C-130 Hercules | £13.95 |
| 1043 | P-39 Airacobra in Action | £8.75 |
| 1075 | UH-1 Huey in Action | £8.75 |
| 1136 | F/A-18 Hornet in Action | £8.75 |
| 1185 | F-105 Thunderchief in Action | £8.75 |
| 1189 | French WW2 Bombers in Action NEW | £8.75 |
| 5530 | Walk Around P-38 Lightning | £13.95 |
| 8271 | AD Skyraider D&S | £13.95 |

FREE send large see for book catalogue now in colour

NEW 'RODEN' FROM UKRAINE



| | | |
|---------|------------------------------------|-------------|
| URO 014 | Felixstowe F2A NEW | 1:72 £21.95 |
| URO 016 | Gotha G.V | 1:72 £18.95 |
| URO 023 | S.E.5a w/ Hispano Suiza NEW | 1:72 £7.50 |
| URO 027 | Heinkel He 111E NEW | 1:72 £18.95 |
| URO 034 | Albatros W4 (Late) | 1:72 £6.49 |
| URO 043 | Bristol F2B | 1:72 £7.25 |
| URO 045 | S.E.5a w/ Wolseley Viper | 1:72 £7.25 |
| URO 048 | An-12BK PPS (Civil) | 1:72 £37.95 |



| | | |
|---------|--|-------------|
| URO 407 | Sopwith 11/2 Strutter Comic Fighter NEW | 1:48 £17.50 |
| URO 404 | Sopwith 11/2 Strutter Bomber | 1:48 £17.50 |
| URO 405 | Sea Gladiator Mk.I | 1:48 £19.99 |

More 'Roden' kits available now

NEW! POCKETBOND CATALOGUE NEW!

Our new 48 page catalogue with colour pictures of more than 1200 plastic kits from around the world is now available! For a FREE copy send 46p stamped addressed A4 envelope.

NEW 'TRUMPETER' KITS



| | | |
|---------|--------------------------------|-------------|
| TM 2201 | F-105D Thunderchief NEW | 1:32 £75.95 |
| TM 1322 | Type 97 Mavis Flying Boat | 1:144 £9.50 |
| TM 1605 | F-107A Ultra Sabre | 1:72 £9.99 |
| TM 2202 | F-105G Wild Weasel NEW | 1:32 £75.95 |
| TM 2214 | A-10 Warthog | 1:32 £69.99 |
| TM 2216 | Shenyang F-7 | 1:32 £39.95 |
| TM 2223 | F4F-4 Wildcat | 1:32 £29.95 |



| | | |
|---------|----------------------------------|-------------|
| TM 2407 | Me Bf.109G-6 NEW | 1:24 £69.95 |
| TM 2405 | ASMB Model 21 "Zero" | 1:24 £69.95 |
| TM 2406 | Me Bf.109G-2 NEW | 1:24 £69.95 |
| TM 6209 | F4U Corsair (6) for USS Yorktown | 1:350 £4.99 |
| TM 2805 | MiG-15UTI Midget | 1:48 £16.95 |
| TM 2810 | Sukhoi Su-15 Flagon-A | 1:48 £34.95 |
| TM 2817 | Savola Marchetti S.M.79-II | 1:48 £29.95 |
| TM 5101 | Mil Mi-4A Hound | 1:35 £54.95 |

Many more 'Trumpeter' kits in stock

'EASTERN EXPRESS' & MAQUETTE



| | | |
|-----------|---|--------------|
| RAE 28809 | Tu-160 Blackjack Bomber NEW | 1:288 £6.95 |
| RAE 14403 | Il-96-300 (revised tooling) | 1:96 £9.99 |
| RAE 72121 | Su-17M4 Fighter Bomber | 1:72 £9.95 |
| RAE 72131 | Beriev MBR-2bis | 1:72 £9.99 |
| RAE 72255 | Sea Venom | 1:72 £5.99 |
| RAE 72254 | Fairey Barracuda | 1:72 £5.99 |
| RAE 72284 | Sea Vixen | 1:72 £6.99 |
| RMQ 7223 | Fairey Delta FD-2 | 1:72 £4.99 |
| RMQ 7241 | Vickers VC-1 Viking "BEA" NEW | 1:72 £19.95 |
| RMQ 7255 | Kamov Ka-32 Soviet Rescue Helicopter NEW | 1:72 £11.95 |
| RMQ 44002 | Soyuz TM Rocket System NEW | 1:144 £11.95 |

Many more Russian kits in stock

For free lists state interest and send large see to
POCKETBOND LTD (Dept SAM/09/03)
PO BOX 80, WELWYN, AL6 0ND
Trade enquiries only on tel 01707 391509 fax 01707 327466

Fox One Decals

A new batch of decals from this American manufacturer has been passed directly to us for review this month.

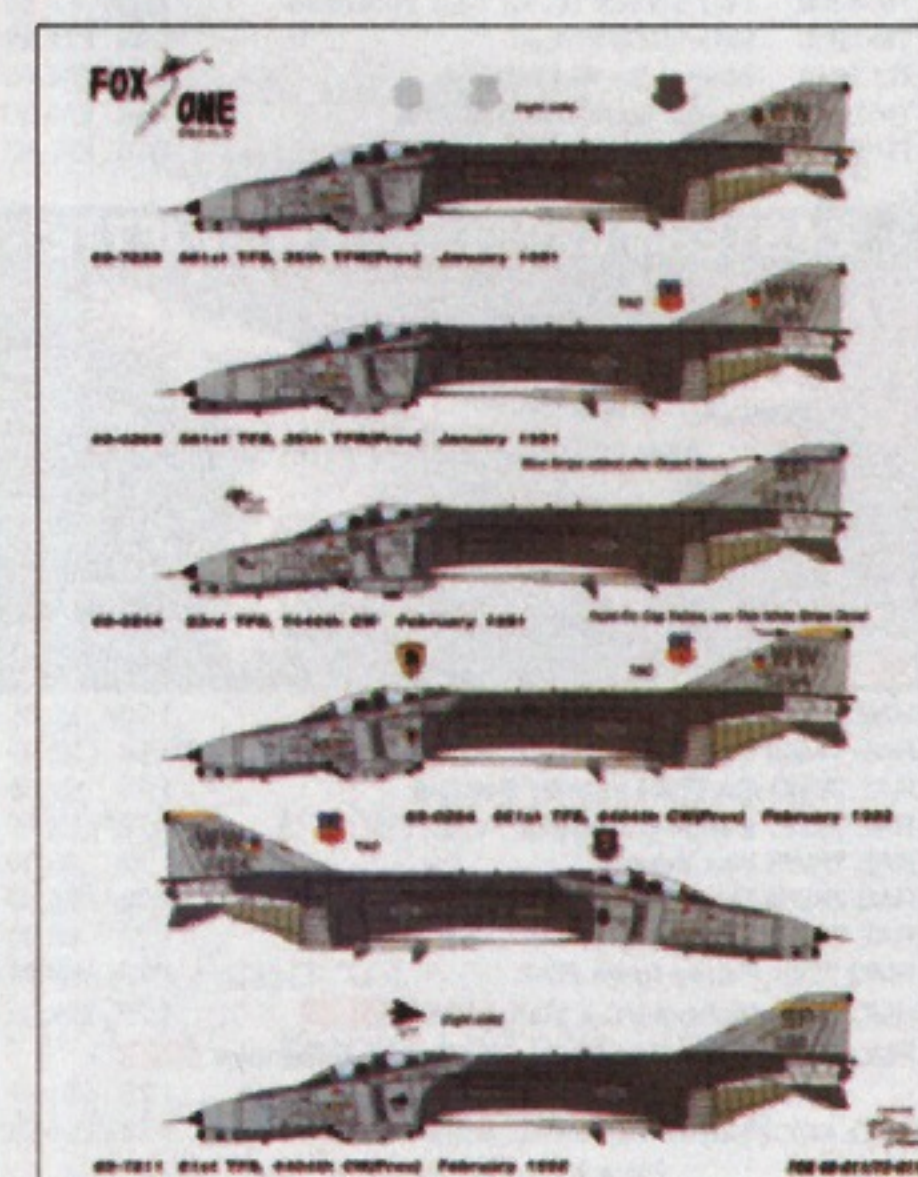
1/72nd Scale

FOD 72-011 - F-4G Wild Weasels Over Iraq

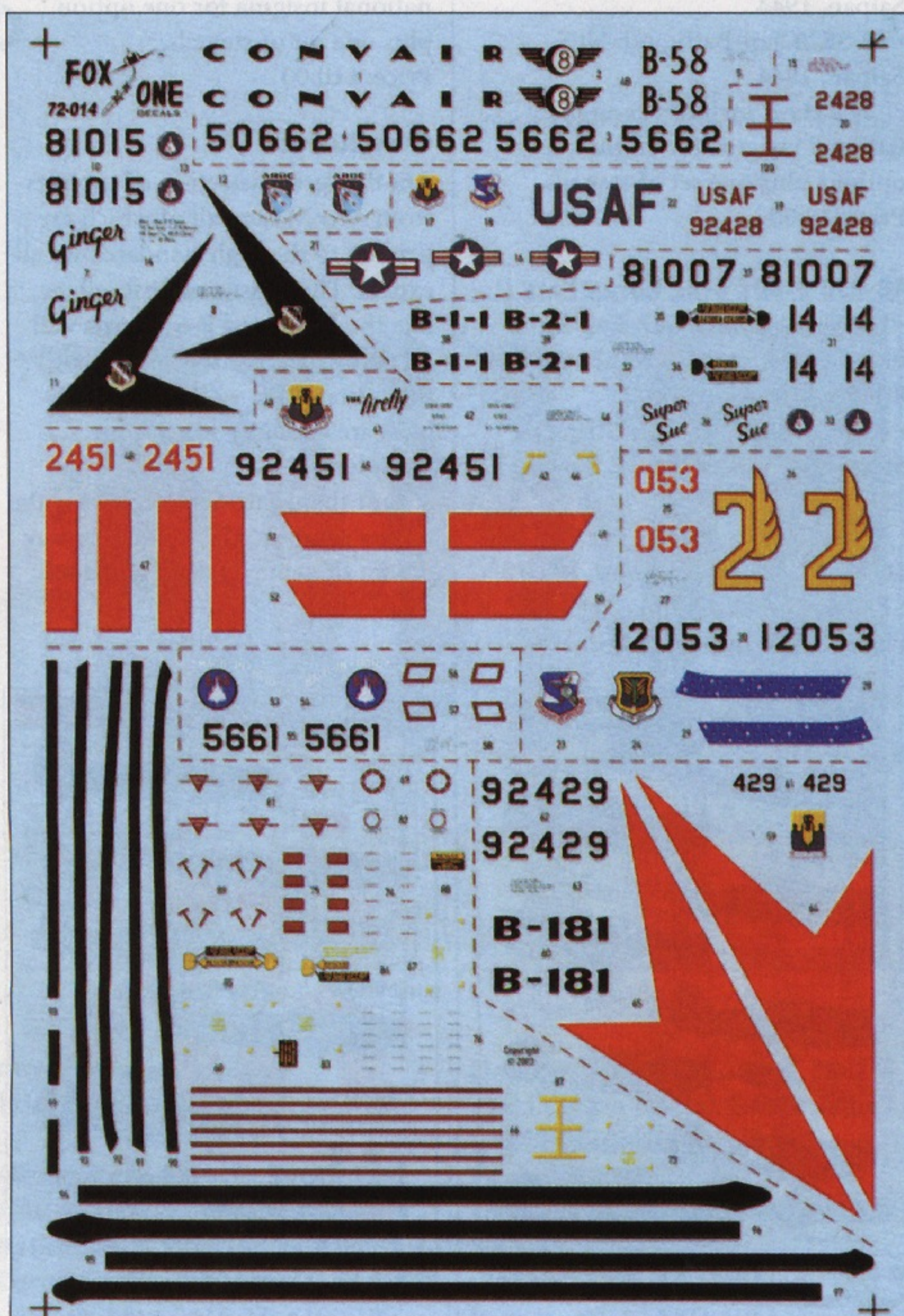
1. 69-7233, 561st TFS, 35th TFW(Prov), Sheikh Isa AB, Bahrain, January 1991.
 2. 69-0265, 561st TFS, 35th TFW(Prov), Sheikh Isa AB, Bahrain, January 1991.
 3. 69-0244, 'Night Stalker', 23rd TFS, 7440th CW, Incirlik AB, Turkey, January 1991.
 4. 69-0254, 561st TFS, 4404th CW(Prov), Dhahran AB, Saudi Arabia, February 1992.
 5. 69-7211, 81st TFS, 4404th CW(Prov), Dhahran AB, Saudi Arabia, February 1992.
 6. 69-0298, 190th FS, 7440th CW(Prov), Incirlik AB, Turkey, June 1993.
 7. 69-0298, 190th FS, 4404th CW, Dhahran AB, Saudi Arabia, December 1995.
 8. 69-0278, 561st FS, 57th FW, Dhahran AB, Saudi Arabia, January 1996.
 9. 69-7232, 561st FS, 57th FW, Dhahran AB, Saudi Arabia, January 1996.
 10. 69-7579, 561st FS, 57th FW, Dhahran AB, Saudi Arabia, January 1996.
 11. 69-7211, 561st FS, 57th FW, Dhahran AB, Saudi Arabia, January 1996.
- Price: £9.00

FOD 72-014 - Convair B-58 Hustlers

1. YB-58A, 55-662, B-58 Test Force, Edwards AFB, 1958.
2. YB-58A, 55-662, B-58 Test Force, Edwards AFB, 1964.
3. YB-58A, 58-1015, 'Ginger', Edwards AFB, 1958.
4. B-57A, 59-2328, 43rd BW(M), 'Project Bullseye', Elgin AFB, 1967.
5. YB-58A, 58-1007, 'Super Sue', Edwards AFB, 1959.



FOD 48-011 F-4G Wild Weasels Over Iraq - Fox One Decals



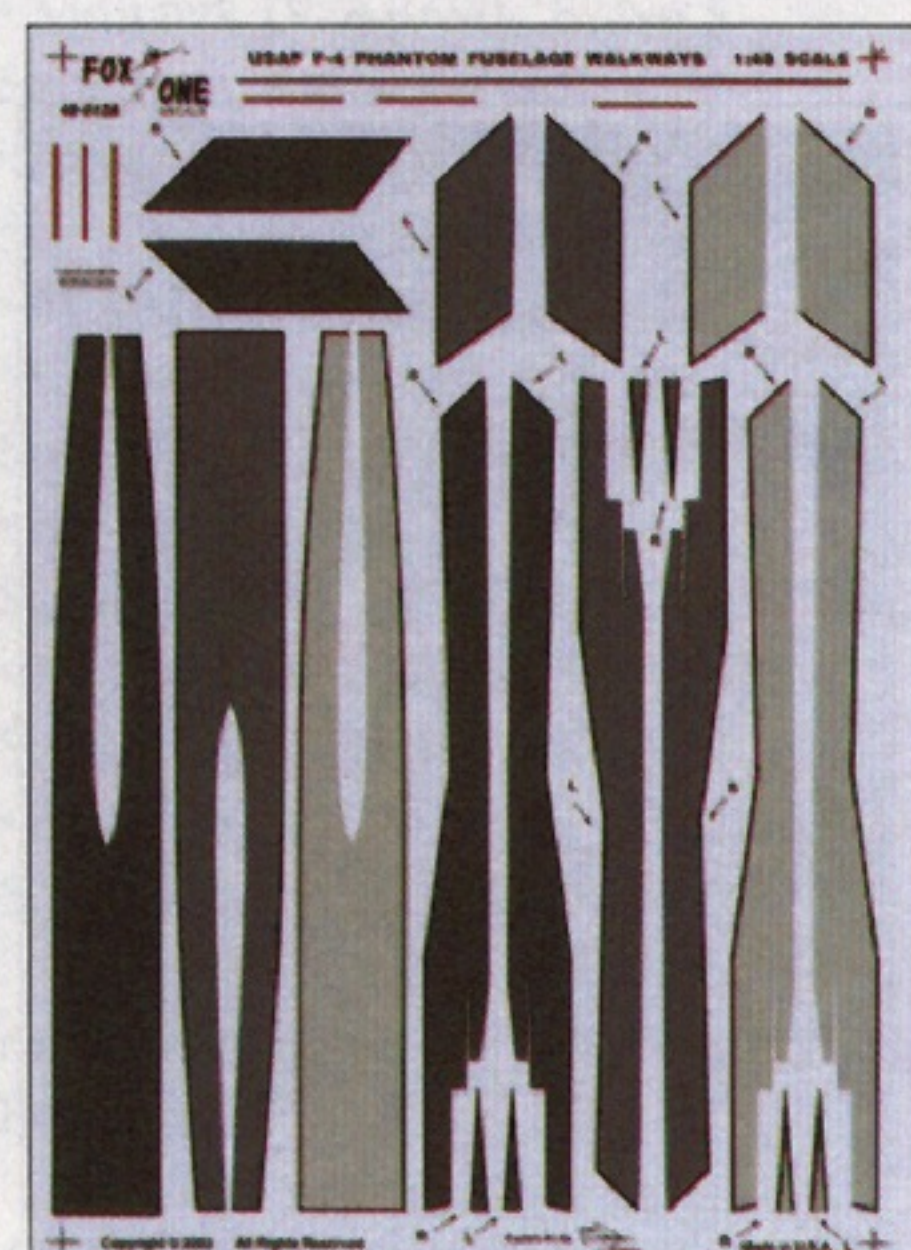
FOD 72-014 Convair B-58 Hustlers - Fox One Decals

- 43rd BW(M), Little Rock AFB, 1961.
 7. B-58A, 61-2053, 305th BW(M), Bunker Hill AFB, 1960s.
 8. YB-58A, 55-661, 'Mach-in-Boid', Edwards AFB, 1957.
 9. B-58A, 59-2429, 43rd BW(M), Little Rock AFB, 1960.
- Price: £10.75

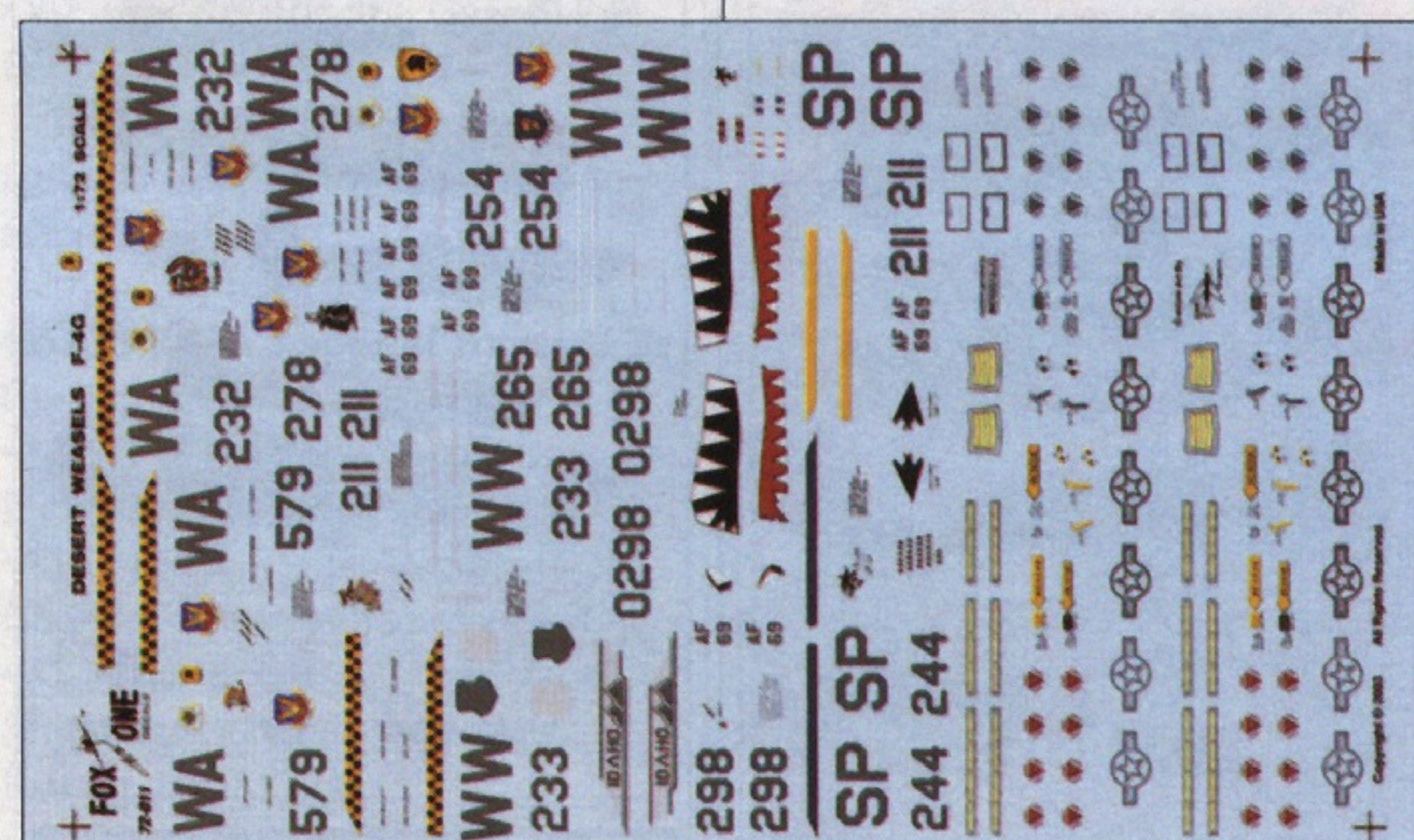
1/48th

FOD 48-011 - F-4G Wild Weasels Over Iraq

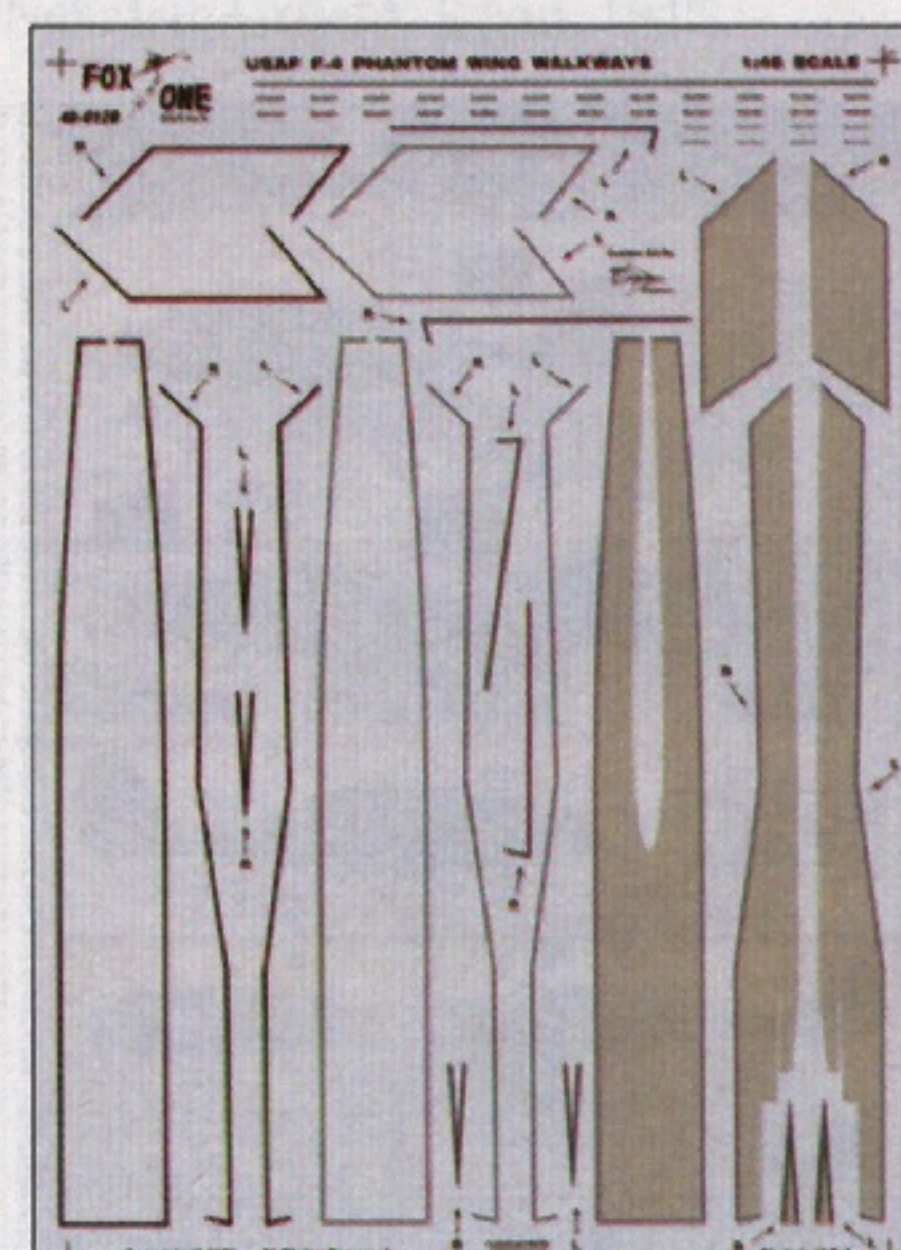
This sheet offers the same options as on the 1/72nd scale version (#FOD 72-011).
Price: £10.75



FOD 48-011 F-4G Wild Weasels Over Iraq - Fox One Decals



FOD 72-011 F-4G Wild Weasels Over Iraq - Fox One Decals



FOD 48-013 USAF Phantom Walkways - Fox One Decals

FOD 48-013 - USAF Phantom Walkways

This sheet offers walkways for Hill Gray scheme USAF Phantoms in the following styles.

- Black outline only.
 - Contrasting grey outline only.
 - Black outline with tinted interiors.
 - Contrasting grey outlines with tinted interiors.
 - Black outlines with Gunship Grey interiors.
 - Black outlines with Dark Grey interiors.
- Price: £9.00

FOD 48-014 - Convair B-58 Hustlers

This sheet offers the same options as on the 1/72nd scale version (#FOD 72-014).
Price: £12.50

Conclusion

Fox One offer some lovely decals and the above batch is no exception. Each is beautifully printed and the instructions are extremely informative. If you have any of the subjects to build, take a look at these sheets from Fox One first.

Our thanks to Fox One Decals for the review samples.



FOD 48-014 Convair B-58 Hustlers - Fox One Decals

Another great offer from SAM Publications!

Subscribe to

MODEL AIRCRAFT

Monthly

and get this Hawker Hunter kit* absolutely FREE!

You get:

- Hawker Hunter kit* FREE
- Each month, *Model Aircraft Monthly* delivered to your door
- Automatic membership of the SAM Club – entitling you to 10% discount off the Modellers Datafile¹ series of aviation books and magazine binders
- For every 3 back issues you order we'll give you a 4th FREE – a great way to build up your reference collection
- Automatic renewal reminder
- In addition, we'll throw in a FREE sample Microbrush set to help with your detail painting!



Packed with photo-archive, scale-plans, colour side views and

authoritative articles on real aircraft types, *Model Aircraft Monthly* will provide you, the enthusiast, with the material to make your pastime complete and your models accurate to the last detail.

Either mail or fax the form below, or call Julie on 08707 333373.



Subscribe and receive the Revell 1/32 scale Hawker Hunter worth £29.99

* While stocks last ¹ Not valid for certain multiple buy offers (UK Subscribers only.)

To subscribe please complete the details below in **BLOCK CAPITALS**

Mr/Mrs/Ms Initial Surname

Address

Country Postcode/Zip

Tel. Email

SUBSCRIPTIONS (Cheque, Credit/Debit Card, Switch)

● Please start my *Model Aircraft Monthly* subscription from the next available issue.

| | UK | Euro-Air | Euro-Surface | World-Air | World-Surface |
|-------------|--------|----------|--------------|-----------|---------------|
| ● 12 issues | £33.00 | £48.00 | £38.00 | £53.00 | £43.00 |
| ● 24 issues | £63.00 | £82.00 | £73.00 | £92.00 | £82.00 |

● I enclose a Sterling cheque made payable to SAM Publications

● I enclose a Sterling cheque made payable to SAM Publications

Please charge my ● Visa ● Mastercard ● Switch/Solo

Valid From [] [] [] [] Expiry date [] [] [] [] Switch/Solo Iss No [] [] [] []

Card no []

SAM Publications
Media House, 21 Kingsway, Bedford, MK42 9BJ, UK

Signed Today's date



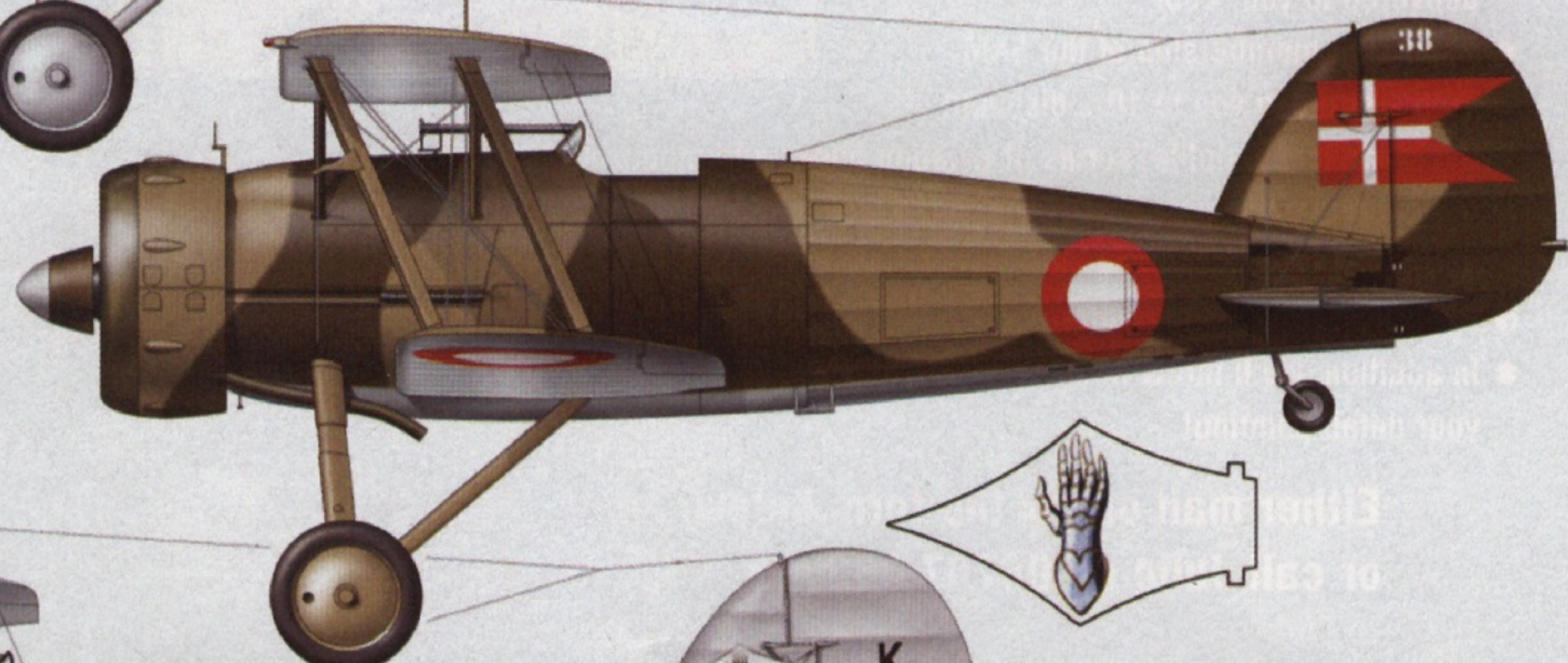
Gauntlet I (2-bladed prop), K4095, flown by the Commander of N° 19 Squadron, Duxford, 1936. Standard finish with medium blue/white cheques on fin, fuselage sides and above top wing; red wheel hubs. Serial in black on fuselage, rudder and below bottom wings; note small unit emblem within a blue shield on fin



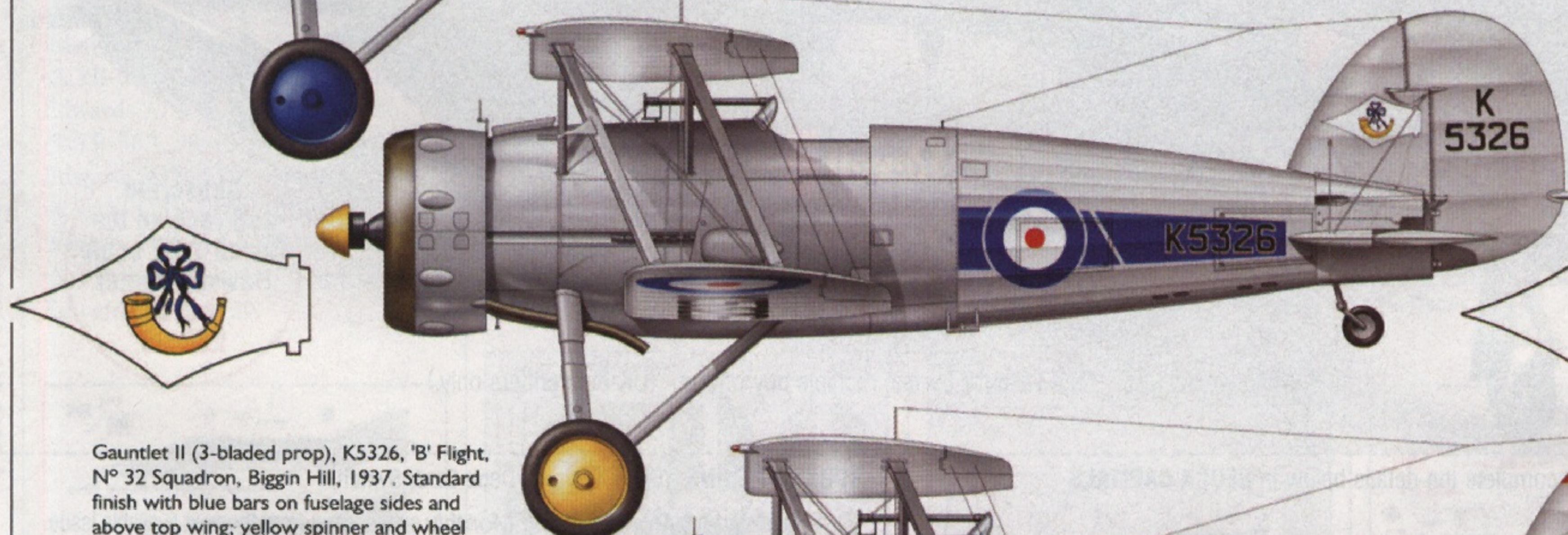
Danish-built II-J (2-bladed prop), J-37, Danish Air Force. Aluminium overall all fabric areas, with polished metal panels. Roundels in six positions; J-37 in black on fuselage with J.37 in small digits on rear undercarriage strut



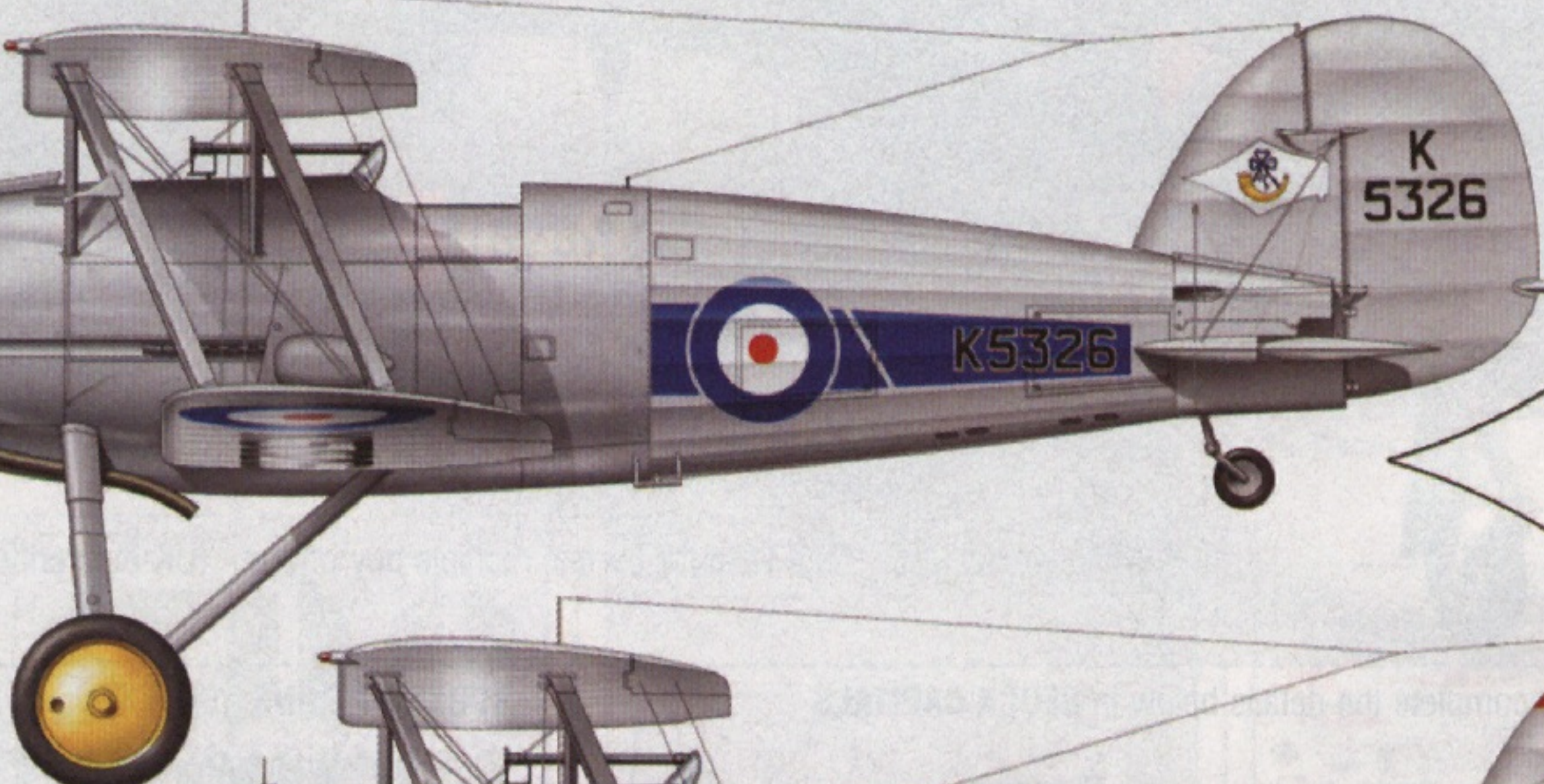
Danish-built II-J (2-bladed prop), N° 38, Danish Air Force. Dark Brown (similar to RLM81), Light Greyish Brown (similar to Panzer Dunkelgelb) upper surface colour with Light Blue Grey (similar to RLM76) undersides. Roundels in six position with the red/white flag on fin/rudder; white '38' high above fin. This aircraft was damaged during the attack on Værlese 4 September 1940, later repaired and stored



Gauntlet II (3-bladed prop), K5362, N° 17 Squadron, Kenley, 1937. Standard finish, with black zig-zag pattern on fuselage and above top wing; black fuselage top decking. Blue wheel hubs; black serial on rudder and below lower wings. Unit emblem carried within a white spearhead on the fin

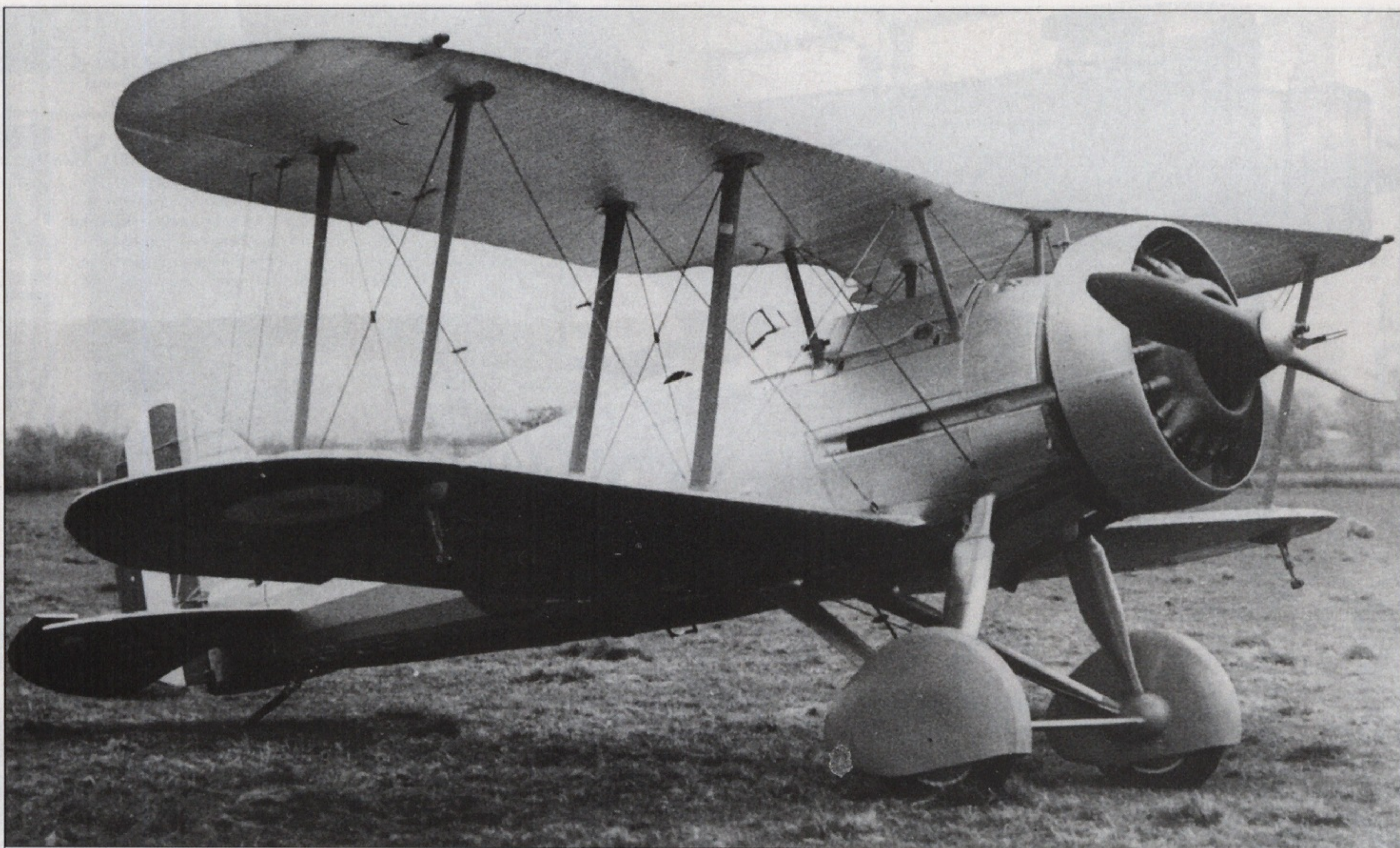


Gauntlet II (3-bladed prop), K5326, 'B' Flight, N° 32 Squadron, Biggin Hill, 1937. Standard finish with blue bars on fuselage sides and above top wing; yellow spinner and wheel hubs. Serials in black on fuselage (outlined in silver), fin and below bottom wings. Unit crest within a white spearhead on fin



Gauntlet II (3-bladed prop), K7796, flown by the Squadron Commander of N° 46 Squadron, Kenley 1937. Standard finish with red arrowhead marking on fuselage sides (repeated above top wings), red spinner, wheel hubs and tip of fin. Serial on fin and under bottom wing in black; note unit marking on fin within a white spear and rank pennant under the cockpit





Gauntlet prototype J9125 shown with the Jupiter engine replaced by a Mercury unit, housed in a short-chord cowl similar to that of the previous engine (Gloster Aircraft)

The Gloster Gauntlet

by Richard J. Caruana

Overshadowed by its far better known successor the Gladiator, the Gauntlet deserves credit in many ways. Had it not been for the perseverance of its designer, Harry Folland, and the Gloster technical team at Hucclecote, it would have probably never gone into production, meaning that the Gladiator would not have materialised, either. Richard J. Caruana describes its interesting history, and illustrates some of the most colourful schemes it sported during its brief career.

The appearance of the Fairey Fox, built as a private venture and powered by a US-designed Curtis D.12 in-line liquid-cooled engine, sent alarm bells ringing within military aviation circles, especially in the United Kingdom (UK). For nearly a decade since the end of the Great War, Royal Air Force (RAF) fighter performance had remained virtually unchanged – and unchallenged – until 1925 when Fairey's light bomber proved too fast for any fighter to catch.

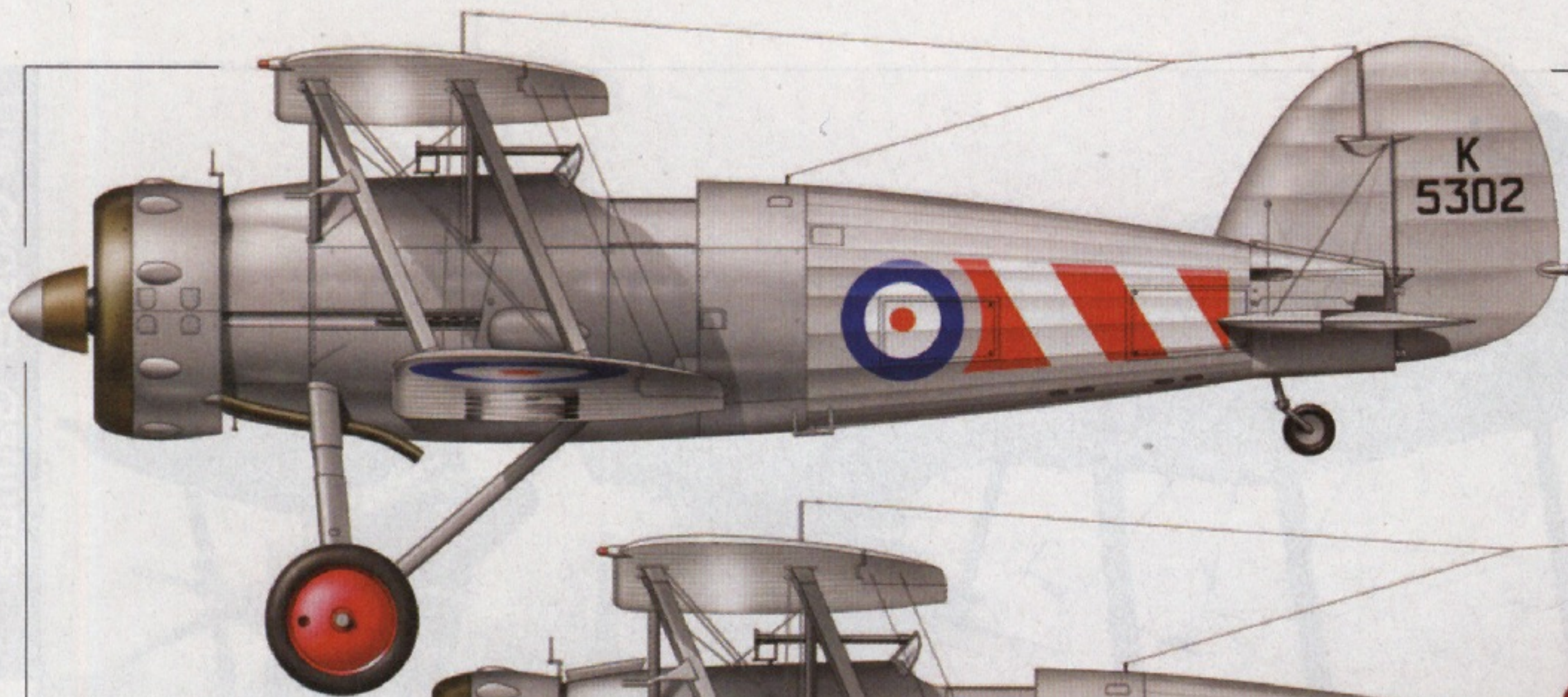
In April 1936, the Air Ministry, therefore, issued specification F.9/26 calling for a day and night fighter to replace the Gloster Gamecock and Armstrong Withworth Siskin then in service. It called for steel or duralumin construction though, surprisingly, the choice of an air-cooled radial and the installation of a pair of 0.303in guns was rather conservative.

In January of that year, the then Gloucestershire Aircraft Company had been awarded an Air Ministry contract to develop an all-metal version of the Gamecock. This was to be Harry Folland's second all-metal aircraft to be designed and built. Bearing the name of 'Goldfinch', it was entered for consideration, albeit in highly modified form, together with eight other contestants. Folland's fighter was eliminated at a very early stage of the proceedings. Meanwhile, Gloucestershire Aircraft changed its name to Gloster Aircraft Company Ltd on 11 November 1926.

Experience gained from the prototypes that had been submitted spurred the Air Ministry to reformulate its request by issuing two new specifications late in the summer of 1927, F.10/27 for a multi-gun fighter (with a minimum of four guns), and F.20/27 as a high-performance fighter.

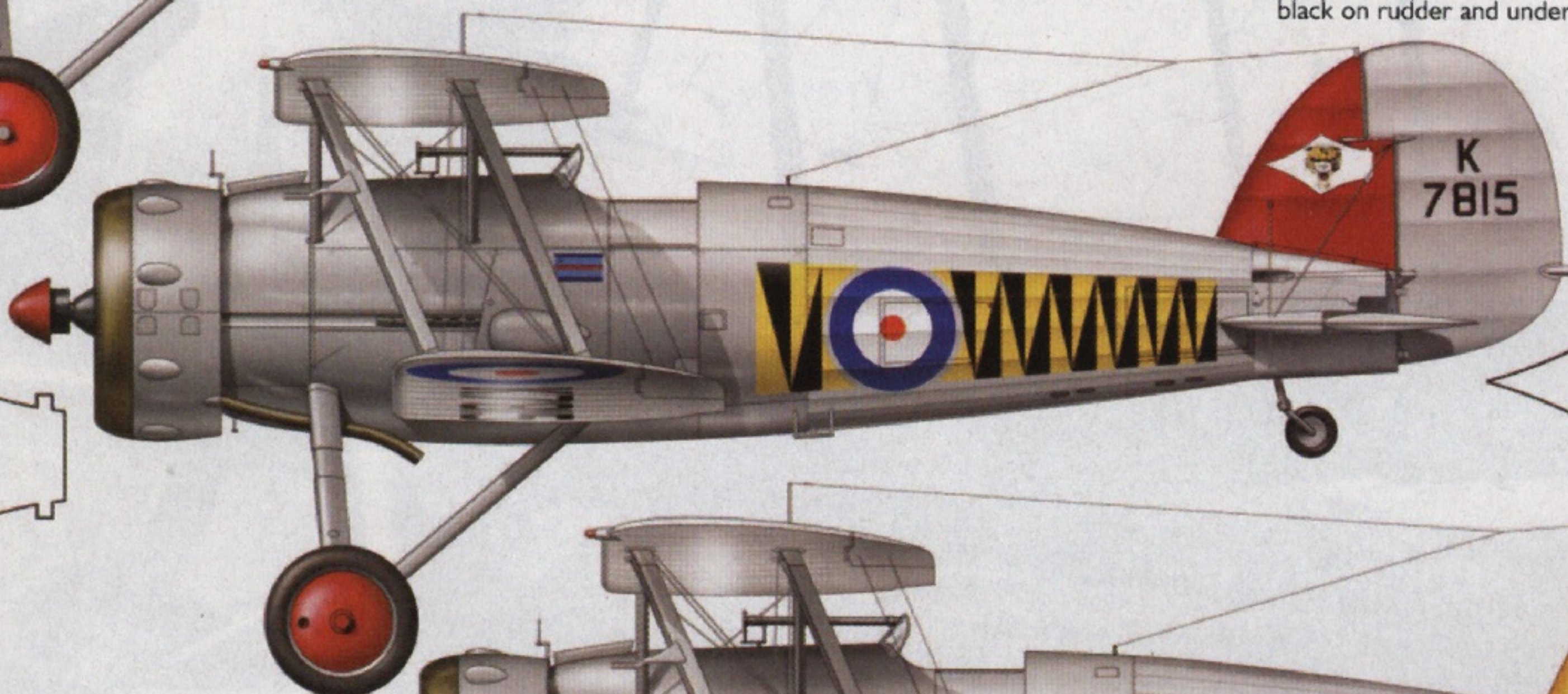
Gloster was represented in both categories by its new design, the SS.18 (J9125), powered by the unreliable Bristol Mercury IIA engine which hardly, if ever, provided its manufacturer's claim of 450hp. In its F.10/27 form, it was armed with two Vickers 0.303in guns in the fuselage firing through the airscrew disc, together with four Lewis guns, one mounted under each wing. As for the F.20/27, the wing guns were eliminated in conformity with specifications, and it is believed that it was presented in this form as a private venture.

Of all-metal construction with fabric-covered wings and rear fuselage, the SS.18 was flown for the first time by Howard Saint in January 1929. The fuselage was built up from three sections, the forward section forming the engine mount, the centre section housing the oil tanks, fuel tanks and cockpit, and the rear section to which were attached the horizontal and vertical tail units. The

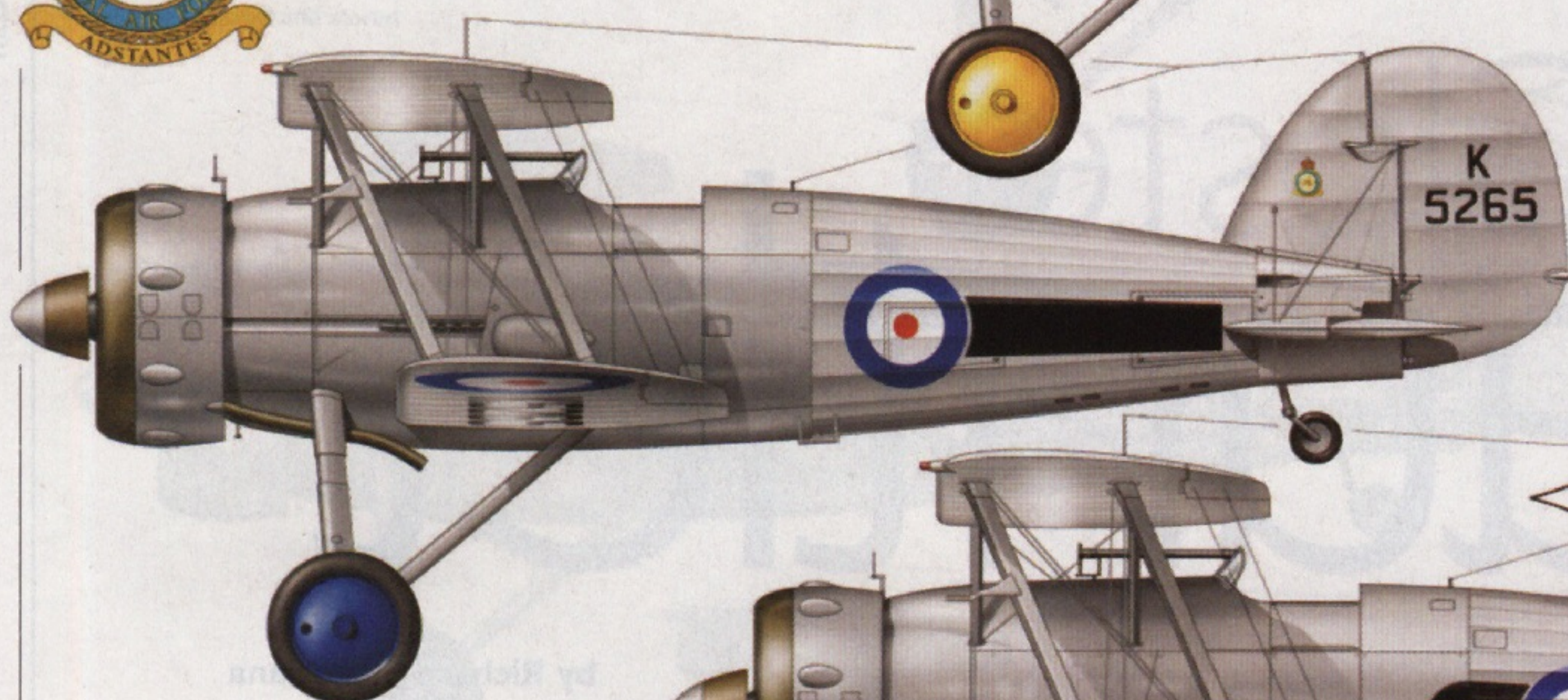
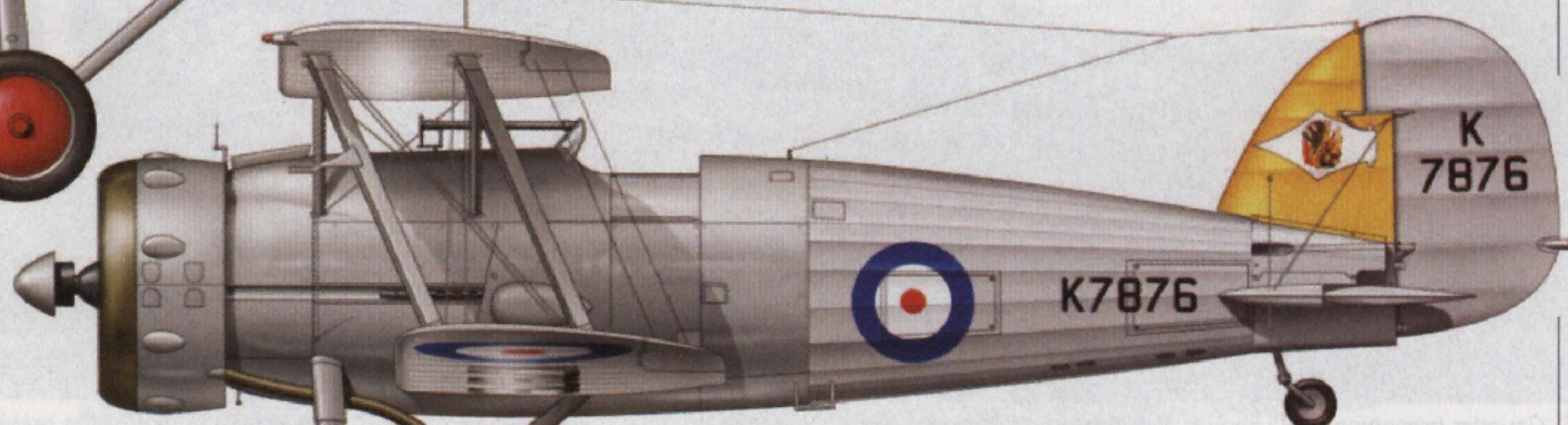


Left: Gauntlet II (2-bladed prop), K5302, 'C' Flight, N° 54 Squadron, Hornchurch 1936. Aluminium dope overall with adonised metal panels. Red/white markings aft of fuselage roundel; red wheel hubs

Below: Gauntlet II (3-bladed prop), K7815, flown by the Commander of N° 74 Squadron, Hornchurch, 1937. Standard scheme with yellow/black tiger stripes on fuselage sides; red fin, spinner and centre of wheel hub; note command pennant beneath cockpit. Serials in black on rudder and under bottom wing

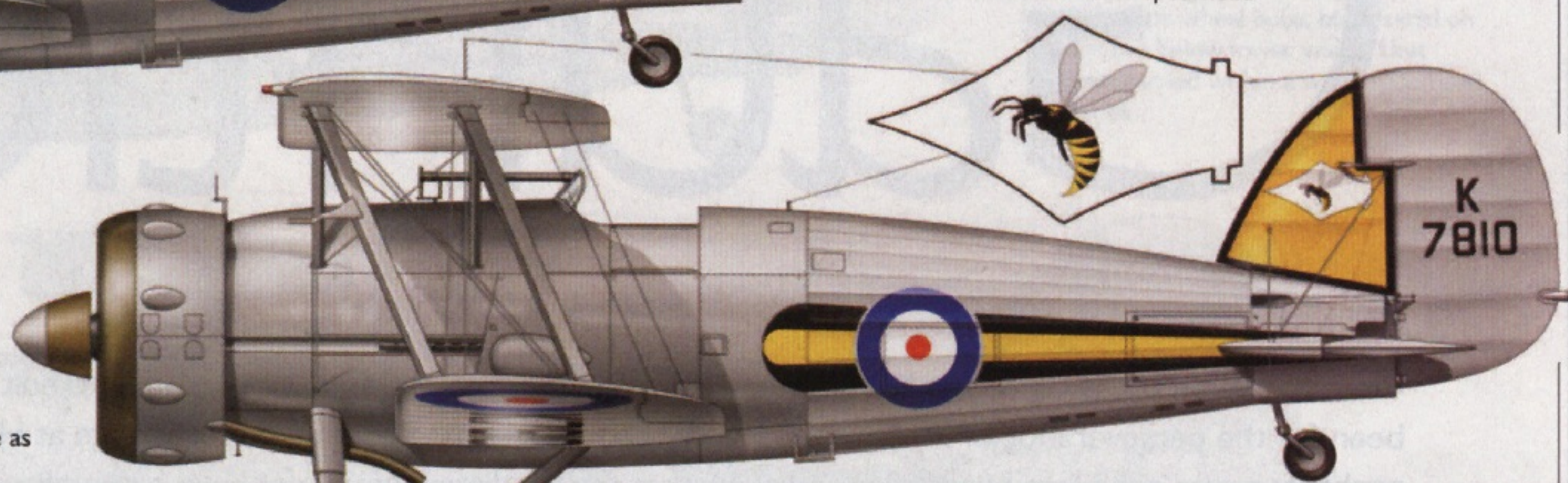


Gauntlet II (3-bladed prop), K7876, N° 79 Squadron, Biggin Hill, 1937. Standard finish with yellow fin and wheel hubs. Serial in black on fin, fuselage and under lower wings



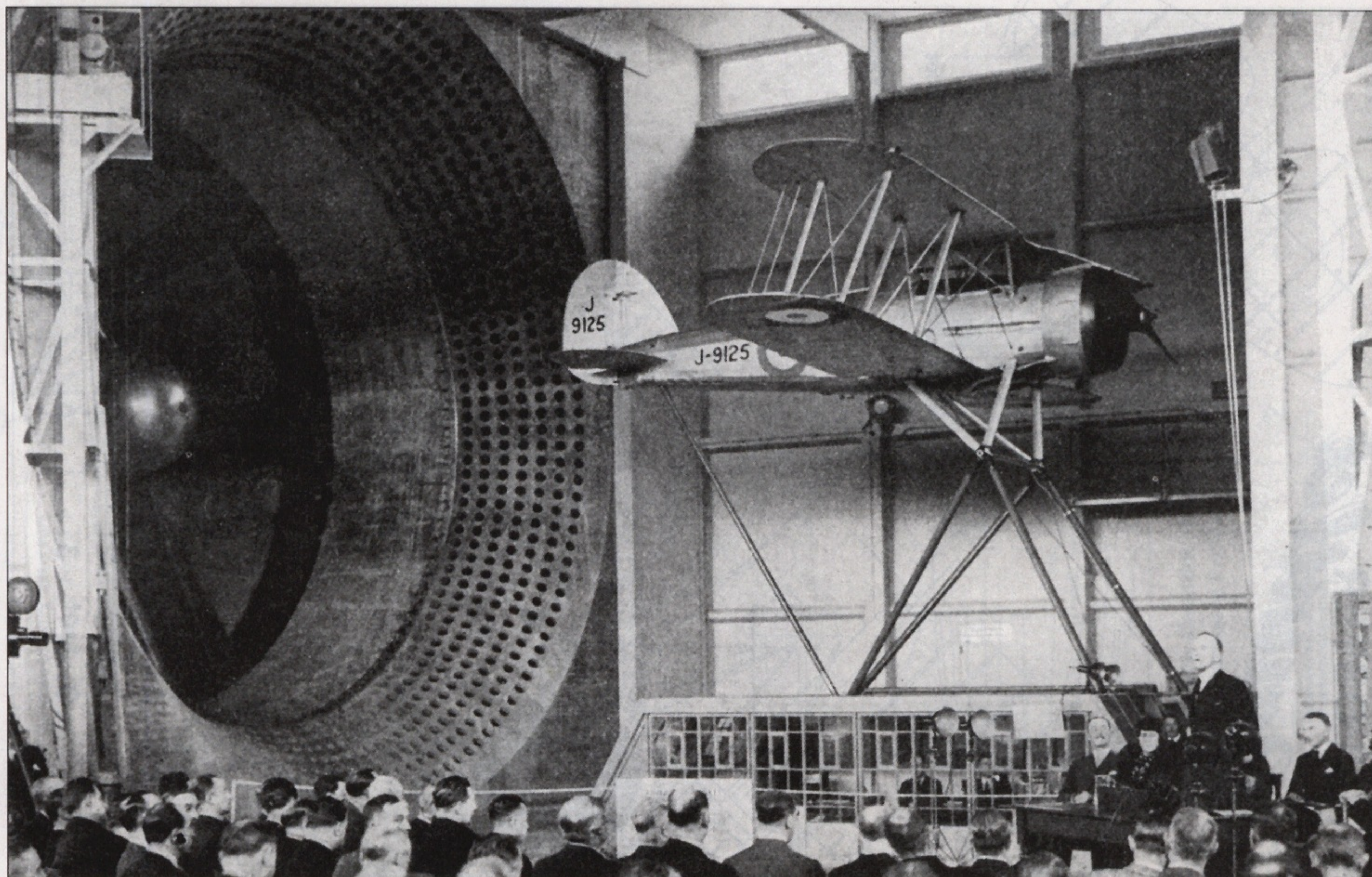
Left: Gauntlet II (2-bladed prop), K5265, N° 111 Squadron, Northolt, 1937. Standard finish with black bar on fuselage and above top wings; blue wheel discs. Serial in black on rudder and below bottom wings. Note squadron crest on fin

Below: Gauntlet II (2-bladed prop), K7810, probably flown by CO 213 Squadron, Sqn Ldr Edwardes-Jones, Northolt 1937. Standard finish, with yellow/black decorations to fuselage sides, top of wings and fin; wheel discs and serials on rudder and below bottom wing in black. Unit's hornet on fin within a white spearhead



Below: Scrap view of presentation style of underwing serial. Top wing squadron markings are as follows (top to bottom, left column first): 17Sqn, 19Sqn, 46Sqn, 32Sqn, 111Sqn, 151Sqn, 213Sqn





J9125's potted history included its use during the inauguration of Farnborough's full-scale wind tunnel in April 1935. By that time, the aircraft had been used for service trials by Nos. 41, 22, 17 and 32 Squadron, and is seen here after having been completed to full production standard (R.J. Caruana Archives)

first two sections were covered by metal panels, most of which were detachable for ease of maintenance, while the third section was fabric covered. The two-bay biplane wings were built around high tensile steel main spars and steel ribs, the whole then being covered in fabric. The fixed wide-track undercarriage was of conventional design, having rubber-block compression legs forward and fixed struts to the rear.

Although J9125 clocked a maximum speed of 183mph in its initial form (without wing guns), problems with the Mercury IIA engine led to the installation of a Jupiter VIIF rated at 440hp for take off; when supercharged, this engine provided 490hp at 8,000ft and 520hp at 10,000ft. It continued to fly in this form throughout 1929, under the new designation of SS.18A, and early the following year performed a short series of trials fitted with an Armstrong Withworth Panther III engine of 560hp, enclosed in a Townend ring. Re-designated SS.18B, it reached a top speed of 205mph at 10,000ft. This engine's extra weight negatively affected the aircraft's climb rate, and although a Panther IIIA was also fitted and tested, power reverted to the Jupiter VII (similarly cowled in a Townend ring) by the summer of 1930, coupled with another change of designation to SS.19.

Gloster's fighter was transferred on 3 September 1930 to Martlesham Heath where its official trials as a six-gun fighter began soon afterwards. The armament arrangement was impressive, to say the least, with the four Lewis 0.303in guns under the wings and the two Vickers 0.303in guns in the fuselage harmonised to converge at 150 yards. They could be fired in pairs so as to rationalise on the 1,600 rounds available, or all together.

All-up weight increased to around 3,520lb, affecting the top speed that went down to

188mph at 10,000ft. Over 60 successful hours of flying were conducted at Martlesham where the aircraft received excellent reports. A problem Gloster was asked to address was the lack of directional stability during dives at speeds in excess of 200mph. During the rest of that year, a series of tests were conducted with modified shapes and areas to the vertical tail surfaces, significantly improving handling during a dive, with speeds of over 260mph being reached without encountering any problems.

By April 1931, the Aircraft and Armament Experimental Establishment (A&AEE) were well satisfied with J9125. However, it appears that the six-gun armament did not find much favour for, later that year, Gloster were instructed to remove the wing Lewis guns and install radio equipment suitable for night-fighting operations. Folland decided to introduce further refinements, such as spats on all wheels, whereby it received the designation SS.19A and returned to Martlesham for full service evaluation. It achieved a top speed of 204mph at 10,000ft, 30mph faster than the Bristol Bulldog then in service. Having suffered serious damage during a forced landing, the prototype was returned to Gloster's and, following repairs, returned to the A&AEE in April of 1932.

Meanwhile, Bristol had ironed out the problems that had plagued the Mercury during its initial development stage, the 536hp Mercury VI proving to be highly reliable and efficient. Moreover, J9125 had reached the peak of its development powered by the Jupiter VIIF. It was also indicated to Glosters that a successful Mercury-powered SS.19 could result in a production order for the type.

So J9125 returned to Martlesham Heath in a new guise (SS.19B) in February 1933, powered by a Mercury VIS, where it performed brilliantly, attaining a maximum speed of 212mph at

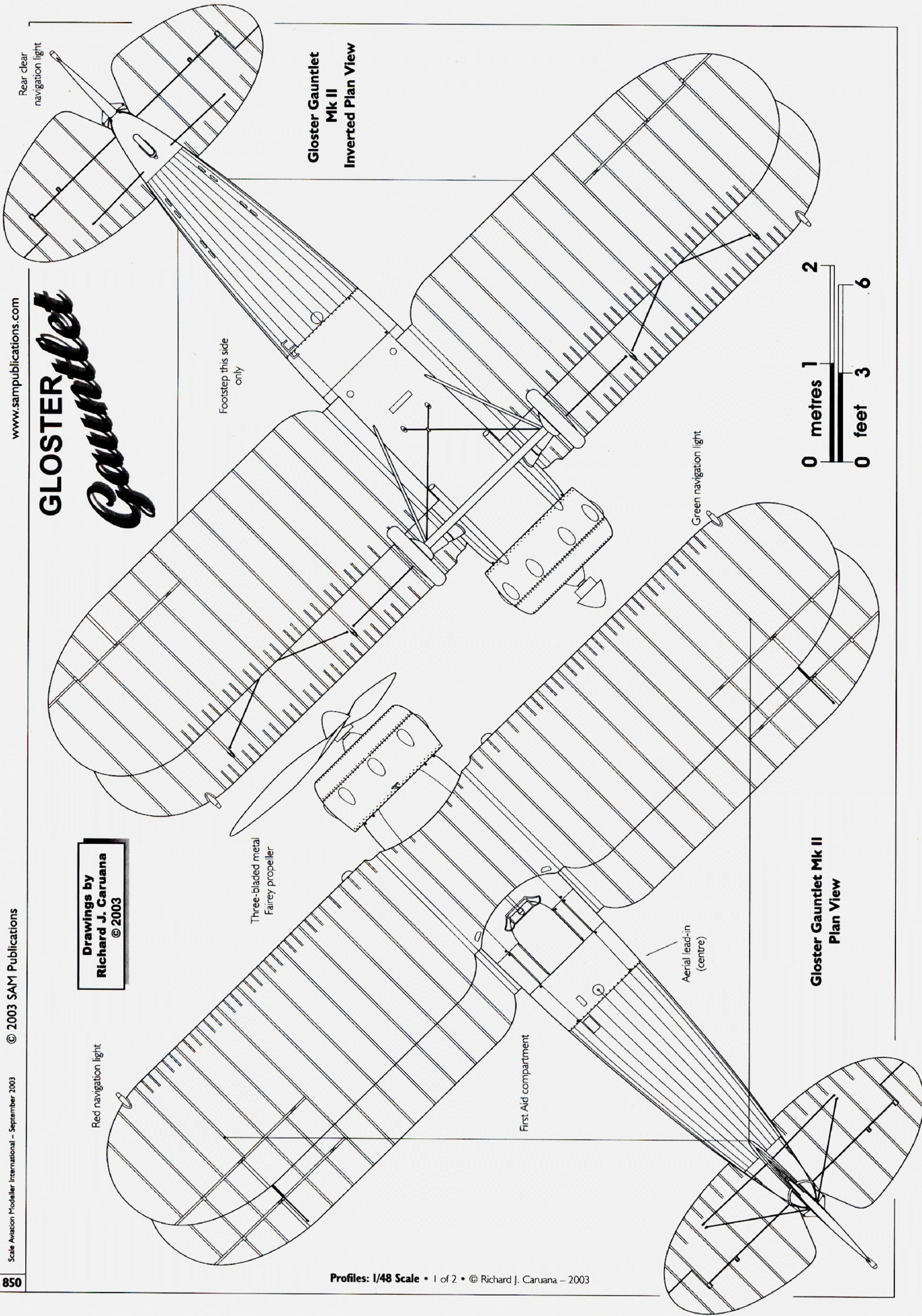
14,500ft reaching 20,000ft in 12 minutes and 15 seconds. Further improvements and tests in August indicated that at an all-up weight of 3,858lb the aircraft reached a top speed of 215.5mph at 16,500ft and climbed to 20,000ft in 11 minutes and 43 seconds. In September 1933, the Air Ministry issued specification 24/33 written around the production-standard version of the SS.19B.

This was followed by an initial order (contract No 28526/35) in February 1934 for 24 aircraft, by that time officially named Gauntlet Mk I (K4081-K4104.). The wheel spats were to be eliminated as they tended to become clogged on soggy grass strips (for some odd reason, K4081, K4082 and K4084 were still delivered with spats!). Furthermore, advantage was to be taken of the higher-powered Mercury VIS2 producing 640hp to be enclosed in a NACA-section cowl with a leading edge exhaust collector ring. Other refinements included the installation of a compressed air RAE Mk IIA starter, Vickers Mk V machine guns, and Dowty oleo legs in place of the original Vickers units.

While J9125 continued in the development of the Gauntlet, the first production aircraft (K4081) was flown for the first time on 17 December 1934 by Gloster's chief test pilot P.E.G. Sayer. After several weeks of test flying at Hucclecote, the aircraft was transferred to Martlesham Heath for official trials. K4086 was delivered to No 19 Squadron on 18 February for service valuation and by the middle of 1935, 20 Gauntlets Mk I had been produced. The first pair to be officially delivered to No 19 Squadron arrived on 25 May, followed by 17 further examples during the following five weeks (the balance being held in reserve at Waddington). So quick and uneventful was the change-over from Bulldog II to Gauntlet, that this unit (the only

GLOSTER Gauntlet

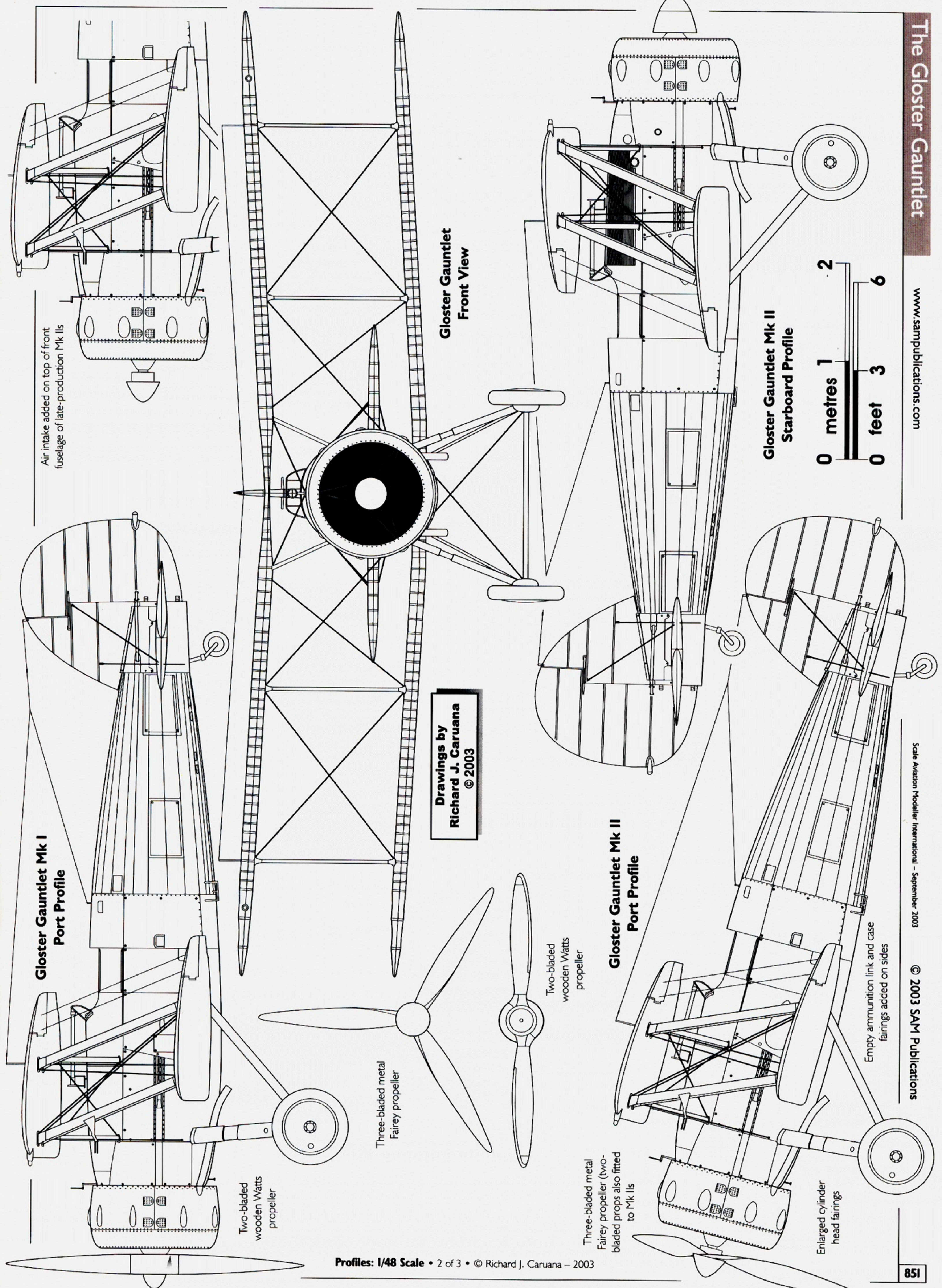
Drawings by
Richard J. Caruana
© 2003



Gloster Gauntlet
Mk II
Inverted Plan View

0 metres 1 2
0 feet 3 6

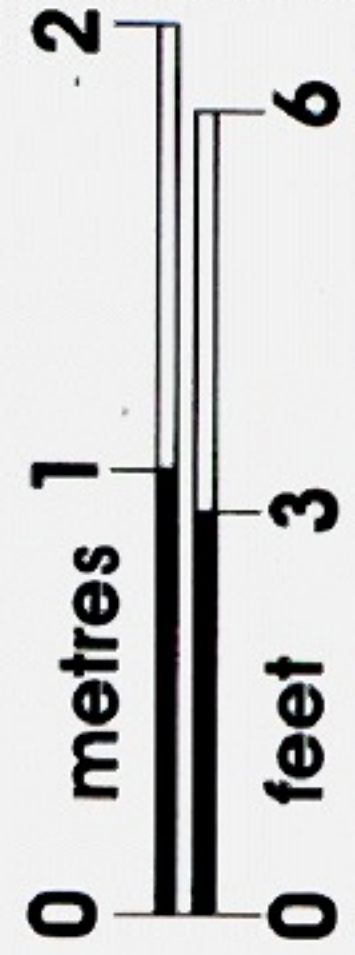
Gloster Gauntlet Mk II
Plan View



Gloster Gauntlet
Front View

Drawings by
Richard J. Caruana
© 2003

Gloster Gauntlet Mk II
Starboard Profile

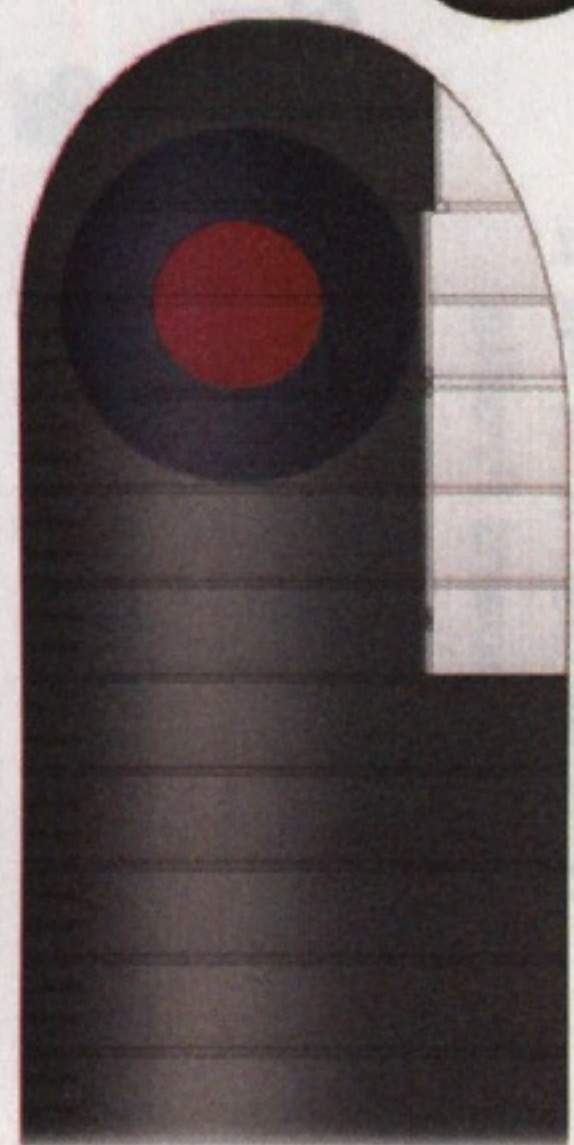


Gloster Gauntlet Mk II
Port Profile

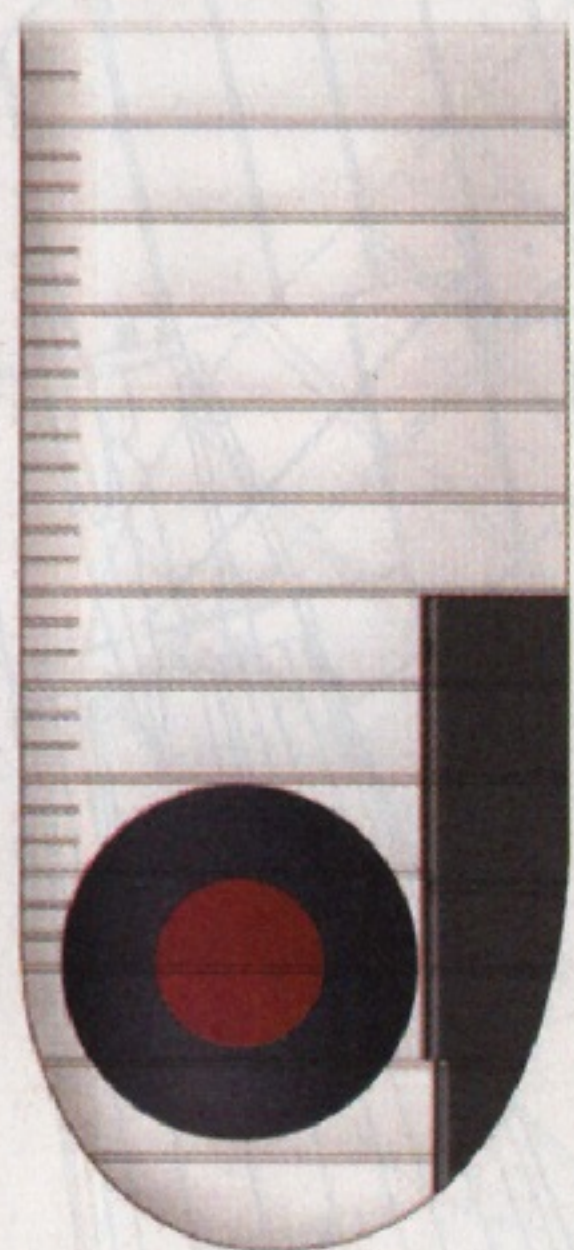
Gloster Gauntlet Mk I
Port Profile



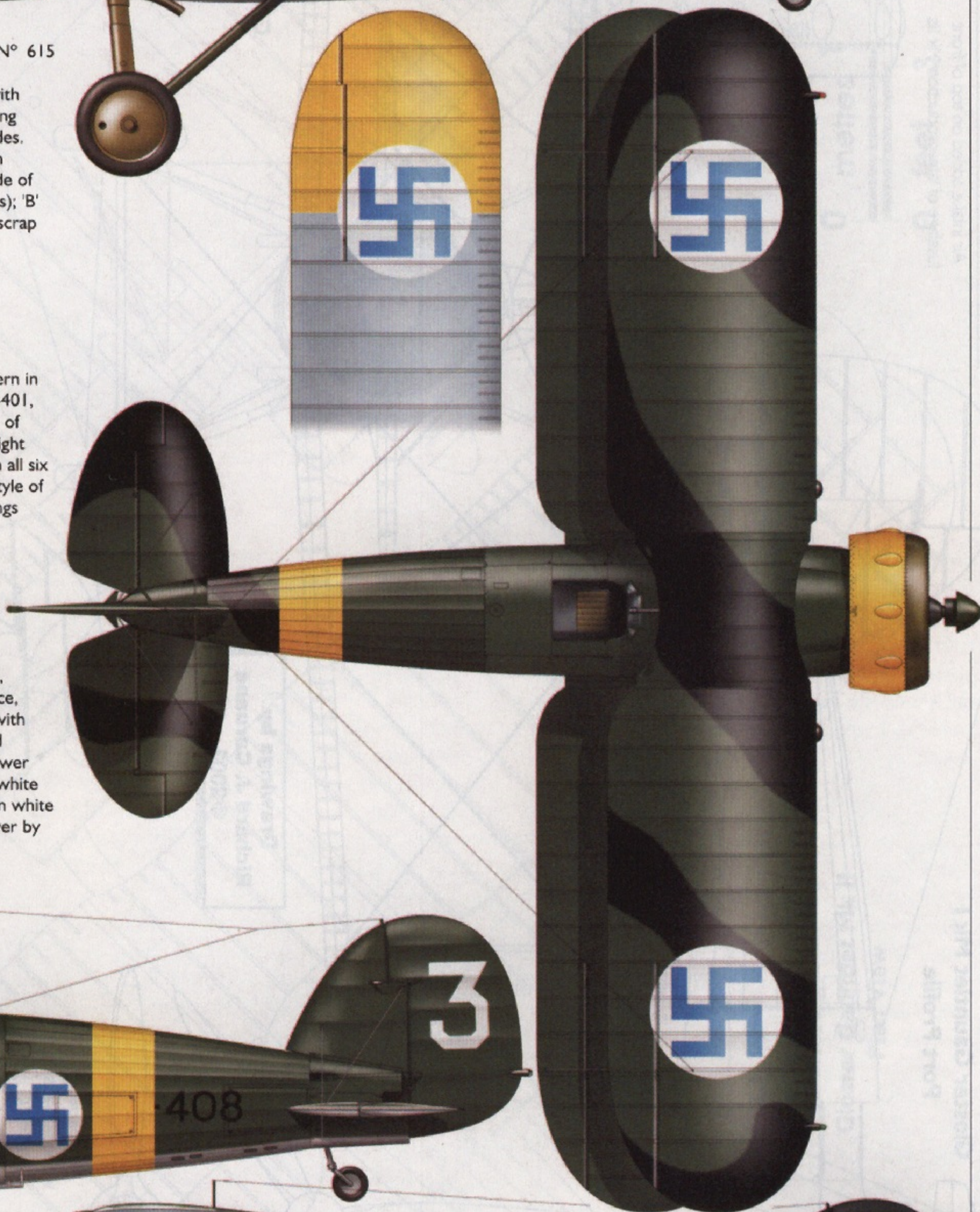
Gauntlet II (3-bladed prop), KT-P, N° 32 Squadron, Biggin Hill, September 1938. Dark Earth/Dark Green uppersurfaces with aluminium fuselage (aft of lower wing leading edge) and tailplane undersides. Black underside of port wings (with aluminium ailerons), white underside of starboard wings (with black ailerons); 'B' type markings in six positions (see scrap views far left). Codes in Sky Grey; Yellow spinner and wheel hubs



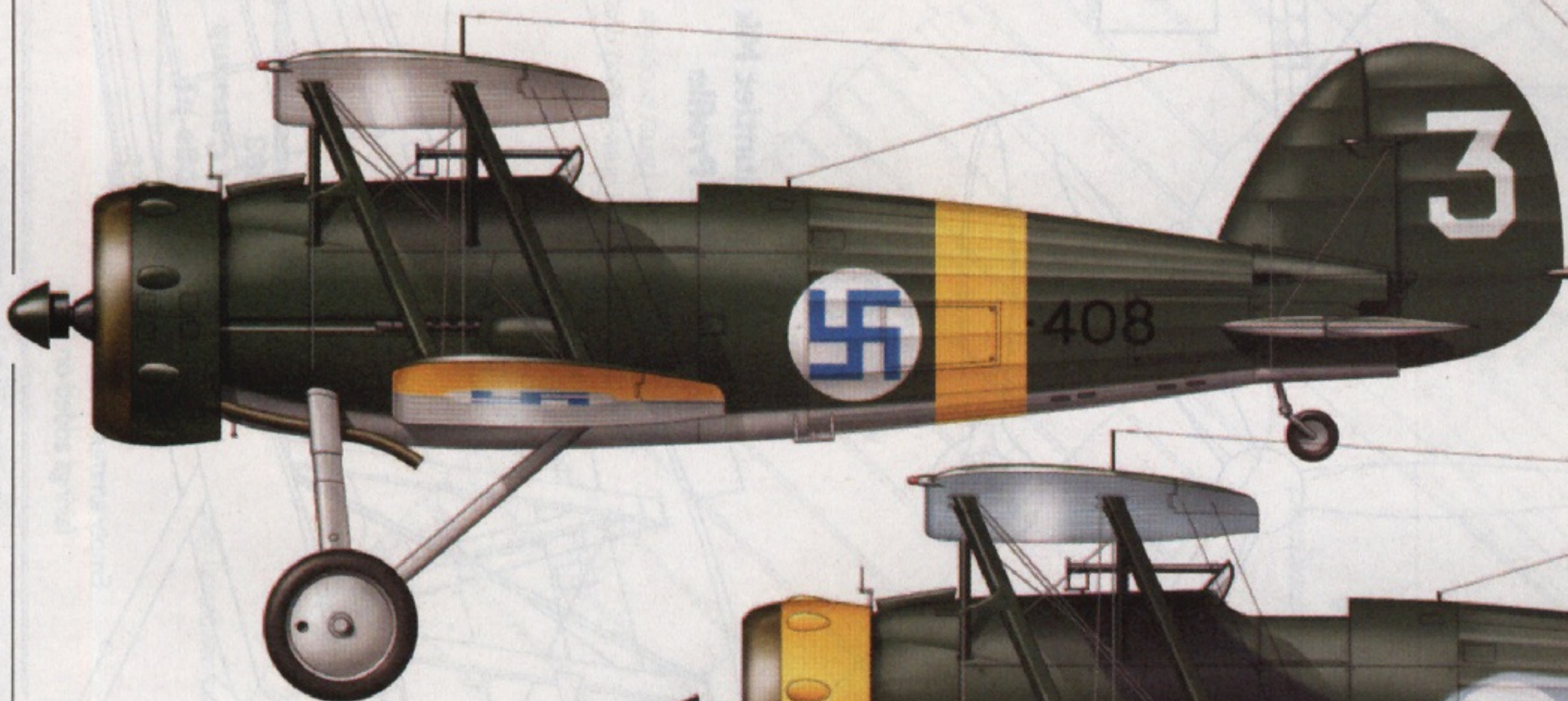
Gauntlet II (3-bladed prop), RR-K, N° 615 Squadron, Kenley, May 1939. Dark Earth/Dark Green uppersurfaces with aluminium fuselage (aft of lower wing leading edge) and tailplane undersides. Black underside of port wings (with aluminium ailerons), white underside of starboard wings (with black ailerons); 'B' type markings in six positions (see scrap view at left). Codes in Sky Grey



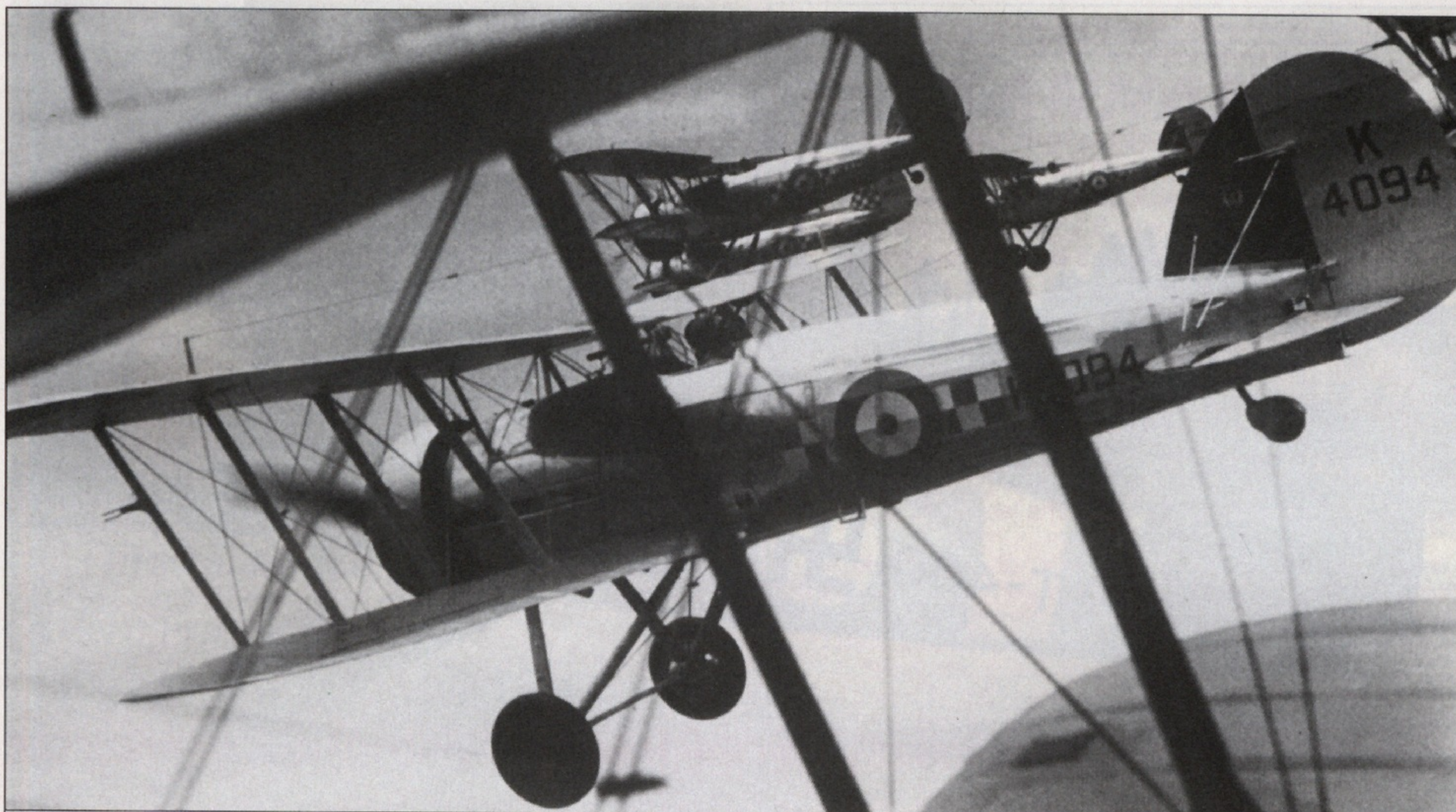
Right: Upper camouflage pattern in Dark Green and Black re. GT-401, Finnish Air Force (see bottom of page). 'Swastika' markings in light blue on a white background in all six positions. Scrap view shows style of underwing colours and markings



Below: Gauntlet II (3-bladed prop), GT-408/3, LeLv 25 Finnish Air Force, 1941. Dark green upper surfaces with aluminium undersides; yellow band around fuselage and underneath lower wingtips. 'Swastika' markings on a white background in all six positions; '3' in white on rudder. Serial (partly painted over by yellow band) in black



Gauntlet II (3-bladed prop), GT-401, LeSk (training unit) Finnish Air Force, 1943. Dark Green and black camouflaged upper surfaces; light blue undersides. Yellow band around fuselage, yellow cowling and underside tips of lower wings. 'Swastika' marking in six positions (over a white background); serial GT-401 in black



Gauntlets Mk I of N° 19 Squadron flying in close formation. K4094 in the foreground is rather unusual in having a spatted tailwheel (R.J. Caruana Archives)

one to be fully equipped with the Mk I) won the Sir Philip Sassoon Flight Attack Challenge Trophy on 3 June 1935 at Northolt. One of 19 Squadron's Flight Commanders, Flt Lt Harry Broadhurst, won the Fighter Air Firing Challenge Trophy at Sutton Bridge in both editions of 1935 and 1936.

The Gauntlet Mk II

Ease of handling coupled with a brilliant performance made the Gauntlet a highly valuable fighting aircraft, and the initial order was soon followed by a second contract (N° 396880/35) placed in April 1935 covering 104 aircraft (K5264 to K5367). During the previous year, Gloster Aircraft Company Ltd had been taken over by Hawker Aircraft Ltd, a deal which included the harmonisation of production methods between the two entities. This meant that the Gauntlet's internal structure had to be revised to conform with Hawker's production methods. Since the Mk Is were well advanced on the factory floor, it was decided not to interfere in the production of such a small batch.

For the second batch on order, however, both the internal rear fuselage and the complete wing structures were redesigned. Use was made of the Warren-girder steel tube side frames for the rear fuselage, joined together with flat fishplates, separated by ball-ended steel-tubes fitting into cup-headed bolts passing through the fishplates. The wings also received the Hawker treatment, being made up from two light-gauge steel-strips, cold-rolled to an octagonal section and connected a single steel plate web. This method was not only simpler to produce, but also much cheaper.

There were also some small external differences, including redesigned cylinder head fairings on the cowlings. Far more noticeable was the introduction of a fairing covering a chute through which empty ammunition links and cases were directed down into a container underneath the cockpit instead of ejecting through holes in the fuselage sides, just above the wing roots, as previously. Although the Watts wooden two-bladed propeller had been initially chosen after tests at Matlesham during the first three months of 1933 on J9125, this was now

exchanged for a three-bladed metal Fairey propeller.

Production of the revised Gauntlet, now known as the Mk II, was taken up immediately and by the time these started leaving the assembly line in September 1935, a continuation order (N° 442477/35) for a further 100 examples (K7792 to K7891) was placed with Glosters.

Deliveries to service units commenced in May 1936 with 12 aircraft each reaching N° 56 and 111 Squadrons based at Northolt to replace their Bristol Bulldogs. Both units, however, remained under-strength for quite some time, as problems with valve gear lubrication resulted in a series of engine failures and accidents. On 26 July, both squadrons participated in a fly-past during the unveiling ceremony of Vimy Ridge memorial in the presence of King Edward VIII.

Six days earlier, N° 66 Squadron was formed at Duxford from a nucleus provided by N° 19 Squadron. This was a time of rapid expansion for the RAF, and a number of new squadrons were formed on the Gauntlet. Among these was N° 151 which was reformed on 4 August 1936 on a nucleus from N° 56 Squadron; it remained with half its complement until March 1938. Also in August, 16 new Gauntlets were flying with N° 17 Squadron, unique in their appearance as they carried their flight colours painted on the top decking of the fuselage, and the famous zig-zag markings on fuselage sides and above the top wing. N° 46 Squadron was next in line, formed from 'B' Flight under the leadership of Flt Lt M.F. Calder.

Other units included N° 54 at Hornchurch and N° 80 at Kenley, both of whom flew the Gauntlet for a very short period of time. To N° 32 Squadron, however, deserves particular mention as three of its Gauntlets (K7797, K7799, K7800) were successfully directed by the experimental radar station at Bawdsey Manor enabling them to intercept an inbound civilian airliner, the first successful radar-aided interception in history. Another Gauntlet unit was formed on 8 March 1937, N° 213, under the command of Flt Lt J.R. MacLachlan at Northolt, moving a short while afterward to Church Fenton to join the newly-formed 12 Group within the reorganised Fighter Command.

N° 79 Squadron was formed at Biggin Hill on 22 March from 'B' Flight, with N° 23 sharing the same station. The last RAF unit to receive the Gauntlet was N° 74 at Hornchurch; quite amusing is the fact that this unit received the Gauntlet in place of the aircraft that had already begun to replace it in service, the Gloster Gladiator! This anomaly has never been fully explained, although it could have something to do with the fact that the majority of its pilots came from N° 80 Squadron, and thus were well acquainted with the Gauntlet.

Gauntlets in Warpaint

By 1938, the few surviving Gauntlets Mk I in use by several squadrons as reserve aircraft were retired from home-based squadrons and shipped to the Middle East. It was also the time when the Gladiator was beginning to equip a substantial number of squadrons, while the Hurricane was making its debut. At the time of the Munich Crisis of 1938, when war in Europe seemed imminent, the RAF still had eight of its front-line squadrons equipped with the Gauntlet (N° 17, 32, 46, 66, 74, 79, 151 and 213).

This marked the end of the shiny silver finish and colourful squadron markings that had characterised the type's first years of service. Camouflage of Dark Earth and Dark Green was painted on the top surfaces. Fuselage undersides remained silver while wings were painted black (port) and white (starboard). National markings were also changed, with the white being eliminated from all roundels. The only remnants from the past were the odd spinner or wheel hubs still painted in flight colours. Another addition was the introduction of code letters. One of N° 79 Squadron's flights was formed into the Night Fighter Flight at Biggin Hill.

Meanwhile a number of Royal Auxiliary Air Force (RauxAF) units began to receive Gauntlets as initial equipment until more modern types became available. These included N° 504, 601, 602, 615 and 616 Squadrons.

At the outbreak of the Second World War on 3 September 1939, N° 616 Squadron was the only



GT-400 in Finnish Air Force markings, rebuilt from the remains of two airframes rescued from a farm. The aircraft is kept at Halli Air Base, the Finnish Air Force Test Centre, and is flown several times a year during air displays (R.J. Caruana)

home-based unit still flying the Gauntlet. However, a number of Meteorological Flights were equipped with the type, including those at Duxford, Aldergrove and Northern Ireland. Although the Gauntlet was retired from such work by the end of 1939, it was still flying with overseas units, such as No 6 Squadron at Ramleh (Palestine) engaged in Army co-operation duties. A small number were also in service with No 33 Squadron at Mersa Metruh and No 112 Squadron at Helwan well into 1940. They were mainly used for training purposes, thus conserving the Gladiators' flying hours.

In August 1940, No 430 Flight was formed from 'D' Flight of No 47 Squadron then based in Sudan, also on Army co-operation work, having received a few Gauntlets on 30 July. They formed 'A' section of the Flight, while 'B' section continued to fly the Vickers Vincent with which the original 'D' Flight had been equipped. First operational sortie for the Gauntlets was a bombing attack against Fort Galabat on 24 August. Flt Lt A.B. Mitchell made the only victory claim whilst flying a Gauntlet (though unconfirmed), when he reported the crash of a Caproni Ca.133 whilst flying K5355 on 7 September 1940.

Under Other Flags

The Gauntlet's performance immediately proved to possess export potential. However, only Denmark sealed a deal with Glosters, when it acquired K4081 (the first production Gauntlet Mk I) and a licence to build a further 17 aircraft. These looked very much like the early production aircraft to leave Glosters, complete with wheel spats. The pattern aircraft became J-21 (construction number 345) and was delivered to the Royal Danish Air Force (RDAF) in 1935, while the first licence-built machine, J-22 (c/n 86) was completed in September 1936. By January of 1938, the remainder (J-23 to J-38) had all been delivered.

Of these, J-26, J-27, J-31, J-33 and J-35 were lost in accidents before war broke out, while J-32

was destroyed during the attack on Værlose of 4 September 1940 at 05.25 in the morning. Other Gauntlets were also damaged during that raid, and after repairs, they went into storage together with the other surviving Gauntlets.

There is little information regarding Gauntlets that went to Rhodesia and South Africa. As for the former, it appears that two Mk IIs (K5347, K7825) were delivered, while the latter received three Gauntlets Mk I (K4088, K4089, K4100) and five Gauntlets Mk II (K5276, K5277, K5330, K7831, K7833).

Four Gauntlets are known to have been passed on to No 3 Squadron, Royal Australian Air Force (RAAF) whilst operating under British command in North Africa, between September 1940 and February 1941. These included K5318 and K7843 (ex-112 Squadron), K5268 (ex-46 Squadron) and K7825. During that period the unit moved from Helwan to Gerawla, then to Tmimi, Matuba, Berka and Benina. It is interesting to note that these Gauntlets were used operationally, especially during the initial Libyan campaign between 9 and 12 December 1940.

The State of South Africa purchased 29 ex-RAF Gauntlets Mk II to donate to Finland soon after the beginning of the 'Winter War'. Of these, only 25 were eventually delivered (K5267, K5270, K5271, K5288, K5293, K5313, K5324, K5326, K5338, K5341, K5352, K5358, K5364, K5365, K7807, K7813, K7826, K7837, K7839, K7857, K8758, K8765, K7867, K7869, K7878) which in Finnish Air Force (FAF) service were re-serialised GT-395 to GT-418. The FAF serials, in fact, account for only 24 aircraft, as it is believed that of the 25 examples shipped, one was probably held in reserve for spares.

The first nine aircraft were shipped to Gothenburg, Sweden, and then assembled at Centrala Flygverkstaden in Malmslätt. Two arrived in Finland on 10 March 1940 followed by a further three on 3 April, and four aircraft nine days later. The remainder were shipped directly to Finland, arriving between 16 and 17 May. Early

users of the Gauntlet within the FAF were LLv 29, beginning in March 1940, LLv 30, LLv34 and T-LLv 35. During the Continuation War of June 1941, there remained 11 airworthy Gauntlets, operated by LLv 25, and later in October they were handed over to T-LLv17 and T-LLv35. By the summer of the following year, surviving Gauntlets were to be found with the LeSK (Air Fighting School). PLeLv 46 appears to have been the last to fly the type (1944-45) as on 15 February 1945 a total of 11 Gauntlets were retired to the Air Depot, the last being GT-396. On 2 January 1950, the type was finally removed from the FAF inventory and those in store were sold for scrap.

A Juuspajoki farmer bought two of these, and used them for various tasks on the farm; the wings, for example, became sheep pens! When word got around in the 1970s of their existence, the remains were bought after having been inspected by Warrant Officer K. Eskonmaa, an instructor at the Air Force Technical School. Under his guidance, a small group of technicians and restorers began the task of putting it back together, displaying some ingenious improvisation in replacing missing parts – the wheels came from a Polikarpov I-16, brakes from a Vampire. The original makers of the bracing wires were able to supply a complete new set. Since no Mercury engine was available, an Alvis Leonidas from a Percival Pembroke was fitted, involving some redesign of the front fuselage. Unfortunately this feature mars the beautiful lines of the original, although it is not very discernible in flight.

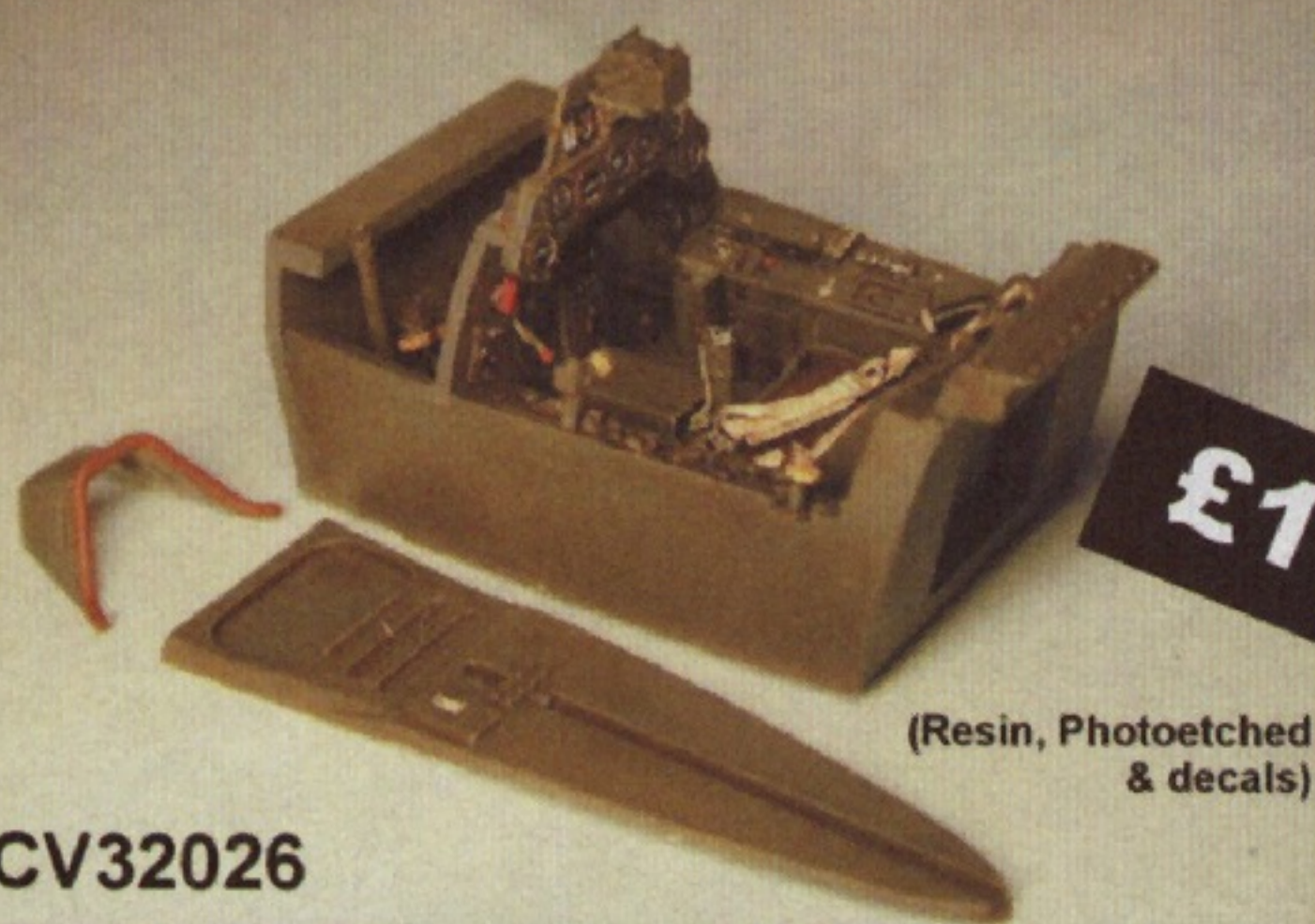
GT-400 (ex-K5271) flew again for the first time on 10 May 1982 after some 10,000 man hours of restoration. Major J. Laukkanen performed that memorable first flight, and the aircraft remained at Halli Air Base, the Finnish Air Force test centre. It is flown regularly at air displays. To comply with regulations it was also registered on the civilian list as OH-XGT on 21 June 1982.

Richard J. Caruana



LANGNASEN DORA

1/32th FW 190D9 cockpit set (Hasegawa)



£16

(Resin, Photoetched & decals)

CV32026

Model Design Construction

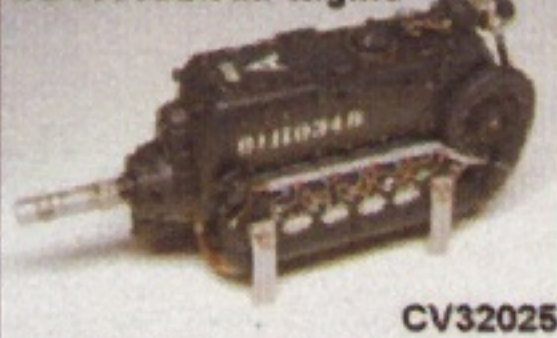
Victoria Place, Victoria Road, Ripley, Derbyshire DE5 3FW
United Kingdom

Orders by fax at +44 (0) 1773 513344, by e-mail at
orders@modeldesignconstruction.com or by mail at the above address

FREE SHIPPING outside the EEC or for 4 or more items ordered within
the EEC

Visit us at : www.modeldesignconstruction.com
to see our full range of products

1/32th Daimler Benz
DB605 A/B/AM engine



CV32025

Also :

Cockpit sets
Conversions
Photoetched accessories
Decals

1/32th Me109G4
cockpit set



CV32008

HANNANTS

Stockists of the largest range of Plastic, Resin and
Vac Form Kits by all major and cottage industry
manufacturers from Academy to Zvezda.

Photo-etched parts by Eduard, Reheat, Airwave etc.

Accessories and conversions by Aeroclub,
Black Box, CMK, Cutting Edge, True Detail, etc.

Paints by Tamiya, Xtracolor, Humbrol, Polly Scale.

Airbrushes - Tools - Books for Modellers

And we **SPECIALISE** in Decals and stock **ALL** available
sheets by Aeromaster, Eagle Strike, Superscale, Xtradecal,
Modeldecals, Experts Choice, Cutting Edge, CAM, Two Bobs,
Carpena, Dutch Decals, MAX, Flightpath, Liveries Unlimited,
Avigraphics, Flying Colors, Airdoc, Alabatros, Astra, Eagle Cal,
Hi-Decal, Skymodel and many more including both civil and
military aircraft.

**UK distributors for MPM, Azur, Special Hobby, Eduard,
Classic Airframe etc.**

If it's advertised or reviewed in this magazine and connected with
Plastic Modelling try us first. We probably have it in stock.

Send now for our latest price list which includes.

Over 21,000 items from All Over the World.

UK. £3.00 Europe £4.00 Rest of the World £6.00

Mail Orders to Harbour Road, Oulton Broad, Lowestoft,
Suffolk NR32 3LZ England.

UK local rate number - Tel: 0845 130 72 48

Tel: 01502 517444 (8 lines) Fax: 01502 500521

(all major credit cards accepted)

Visiting London? Our shop is at

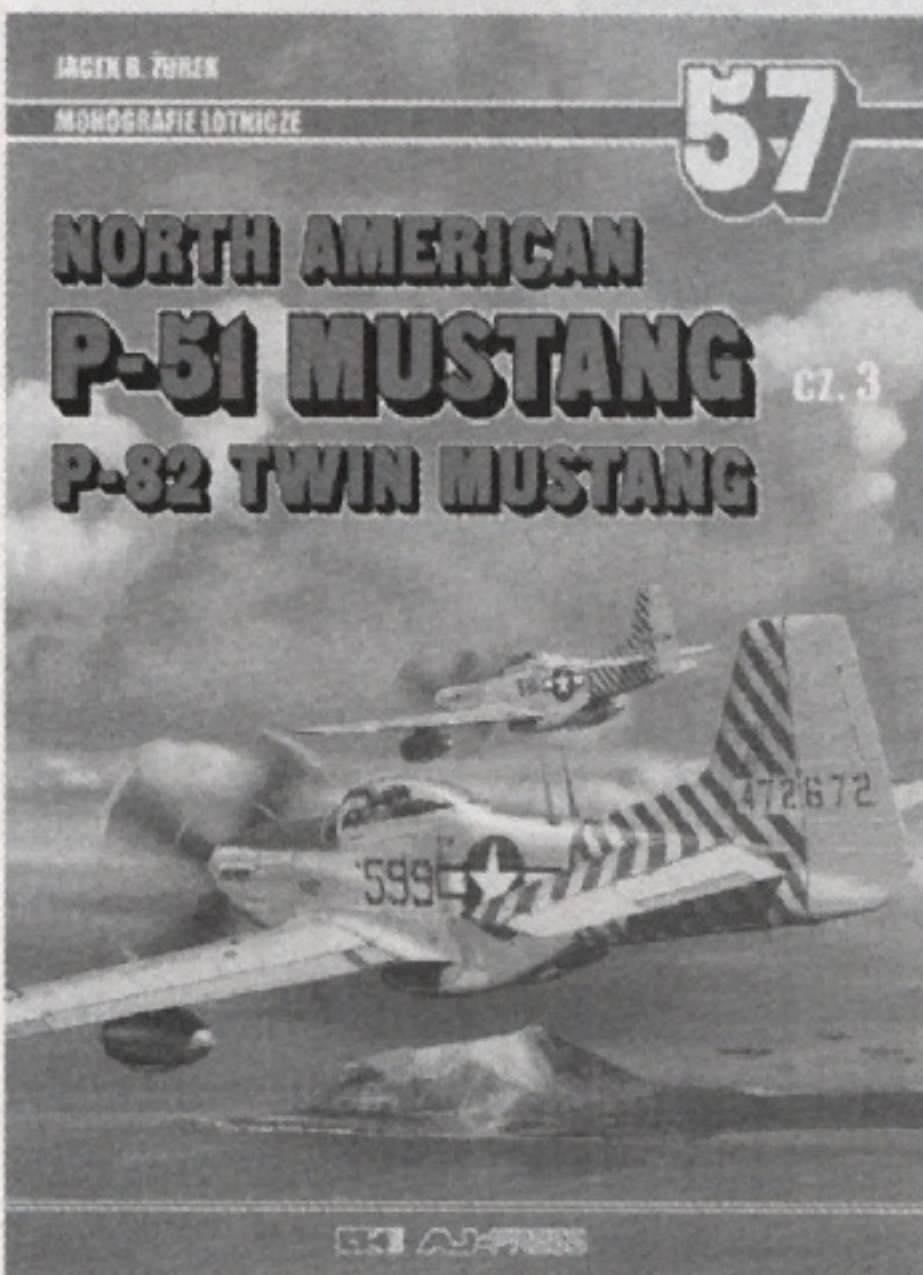
159 Colindale Ave. London NW9 5HR. Tel: 020 8205 6697

Next door to Colindale Tube Station, Northern Line,
1/2 mile from the RAF Museum, Hendon

www.hannants.co.uk e-mail sales@hannants.co.uk

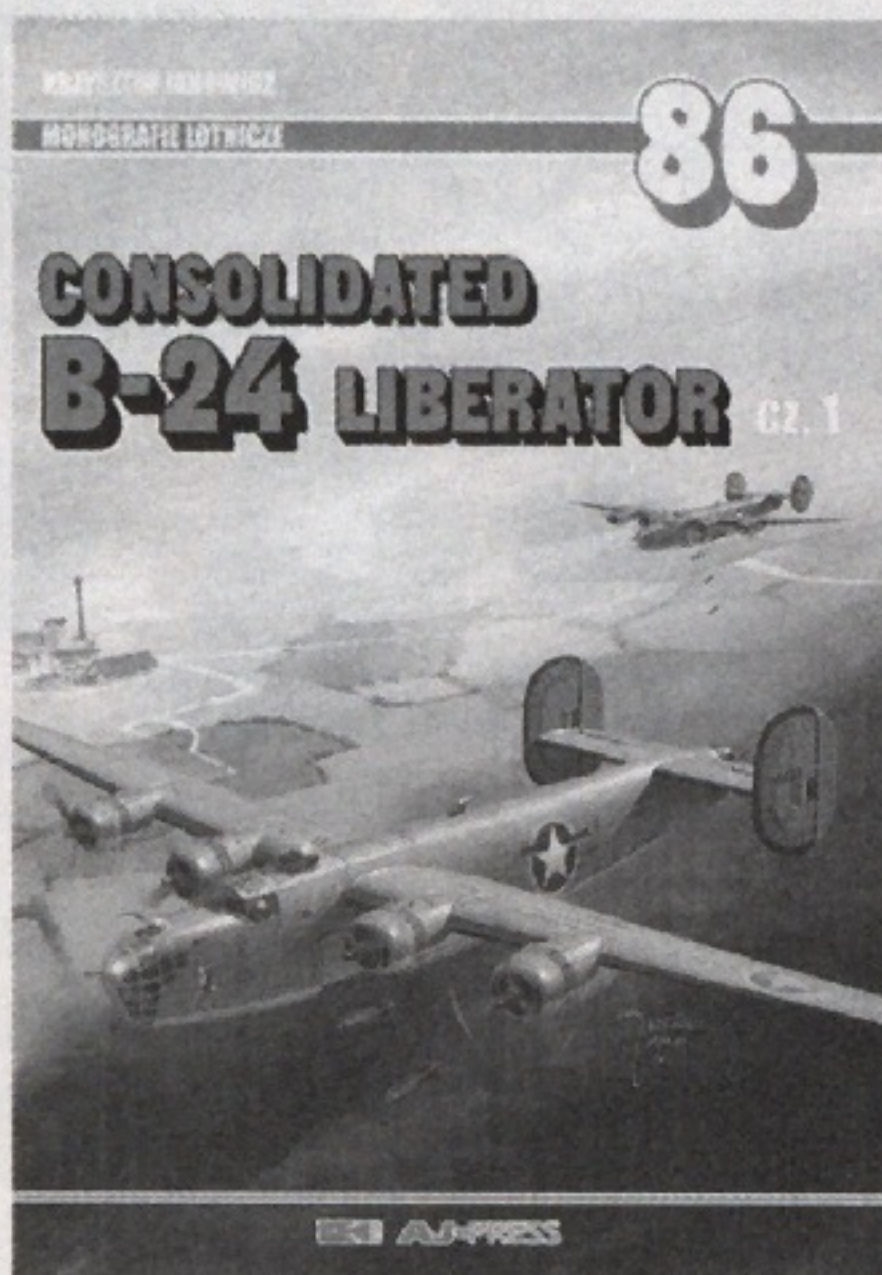
Voted No1 for MAIL ORDER

NEW FROM AJ-PRESS



57

NORTH AMERICAN
P-51 MUSTANG CZ. 3
P-52 TWIN MUSTANG



86

CONSOLIDATED
B-24 LIBERATOR CZ. 1

Model Detail Photo Monograph



MIG-23MF
Flogger B

NEW

We also carry:

| | |
|----------------------|--------------|
| ARDPOL | ARMADA |
| CHOROSZY | KAGERO |
| FRONTLINE | MIRAGE |
| PART J.J. FEDOROWICZ | |
| TROJCA | W. MILITARIA |
| TECHMOD | HI-DECAL |

AIRCONNECTION

Phone: 905 785-0016 / Fax: 905 785-0582

E-mail: sale@airconnection.on.ca

WEB SITE: WWW.AIRCONNECTION.ON.CA

DEALER INQUIRIES INVITED



CZECH
MASTER'S KITS



NEW!

1/48



PLT 124 Aero L-29 Delfin

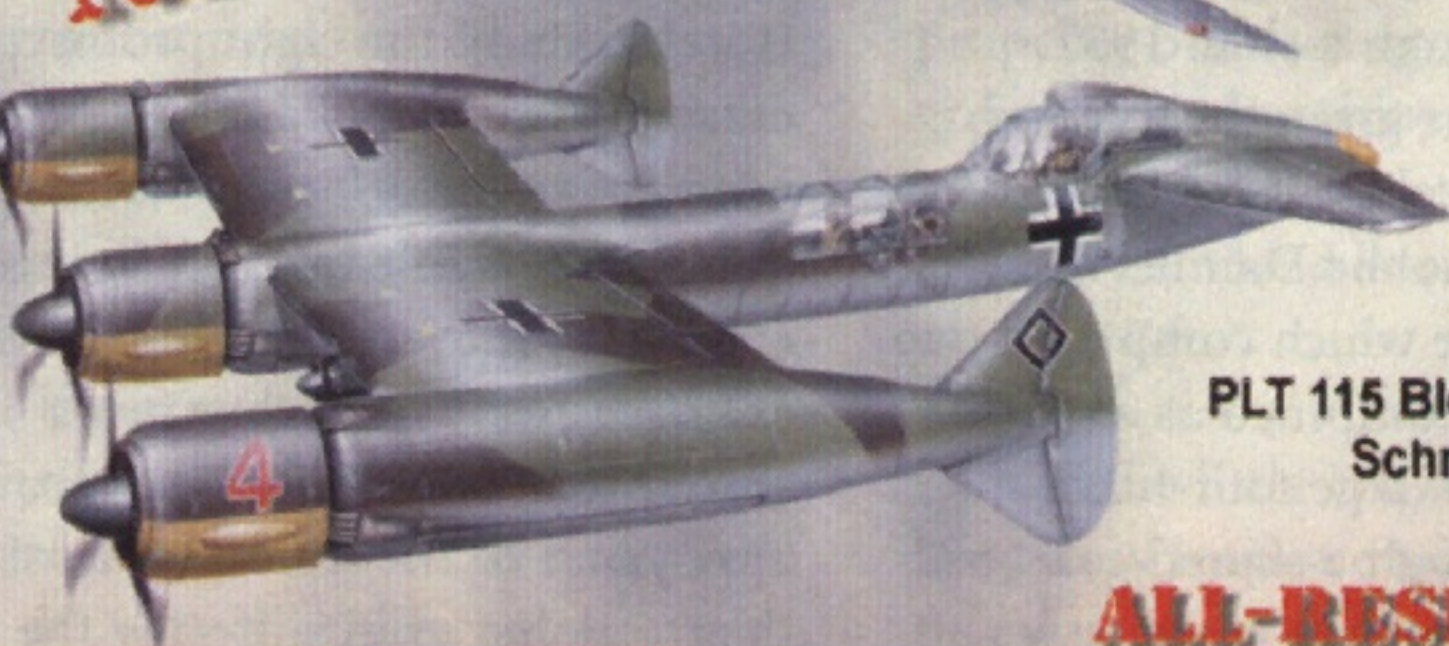
1/32

PLT 087 Bücker Bü 131
"Jungmann"



PLT 110 Messerschmitt Zerstörer II
T-Leitwerk

1/72



PLT 115 Blohm & Voss P. 170
Schnell bomber

1/72

ALL-RESIN MODELS

more : czechmasterskits.cz

1/72nd Scale

Manufactured by



The Luftwaffe's 'Flying Lighter'

by Steve Evans

The Greif was born out of a Führungsstab der Luftwaffe (operations Staff of the Luftwaffe) requirement known as 'Bomber A', which demanded a maximum speed of 335mph, the ability to carry a 4,400lb bomb load over a range of 995 miles, with the capability of making medium angle diving attacks thrown in for good measure, a tough task in 1937.

Heinkel was given the job and took the radical (and fateful) decision to use the Daimler-Benz DB610 engine which comprised two DB605 V12s combined as a single unit driving a large four-blade propeller through a shared gearbox.

The airframe was aerodynamically very clean with low drag, but performance was below the requirements and even later

models with more powerful engines could only just get over 300mph in level flight. And it was those engines and their associated complex fuel and oil systems that were going to plague the Heinkel throughout its service career, causing innumerable fires, leading the unlucky aircrews given the unloved Greif to nickname them 'Luftwaffen Feuerzeug' (the flying lighter) or 'Reichfackel' (torch). Six of the eight prototypes crashed and many of the 35 pre-production models were written off in uncontrollable take-off swings or engine fires. Even though over 1100 examples were built they never amounted to anything more than an annoyance to the Allies, some of their number even suffering the humiliation of being used as transports during the siege of Stalingrad.

The kit

The Greif comes in Revell's usual 'post-box' style cardboard box with some decent artwork on the front and four detail photos of a completed model on the sides, it also says "skill level 5" which is as tricky as Revell get (photo 2). And at first glance it does look tricky.

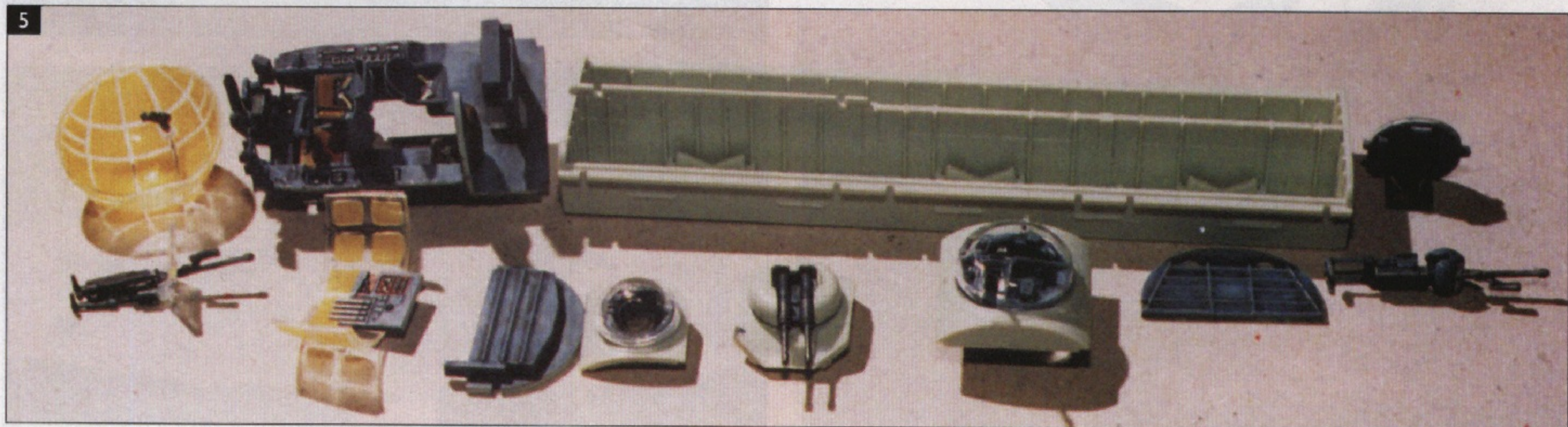
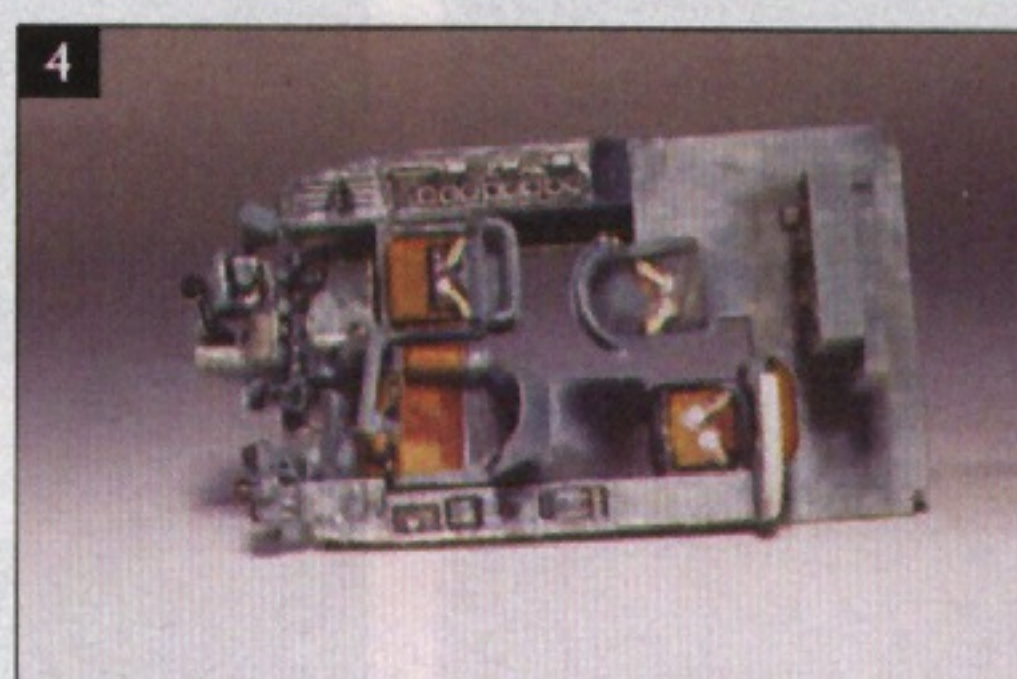
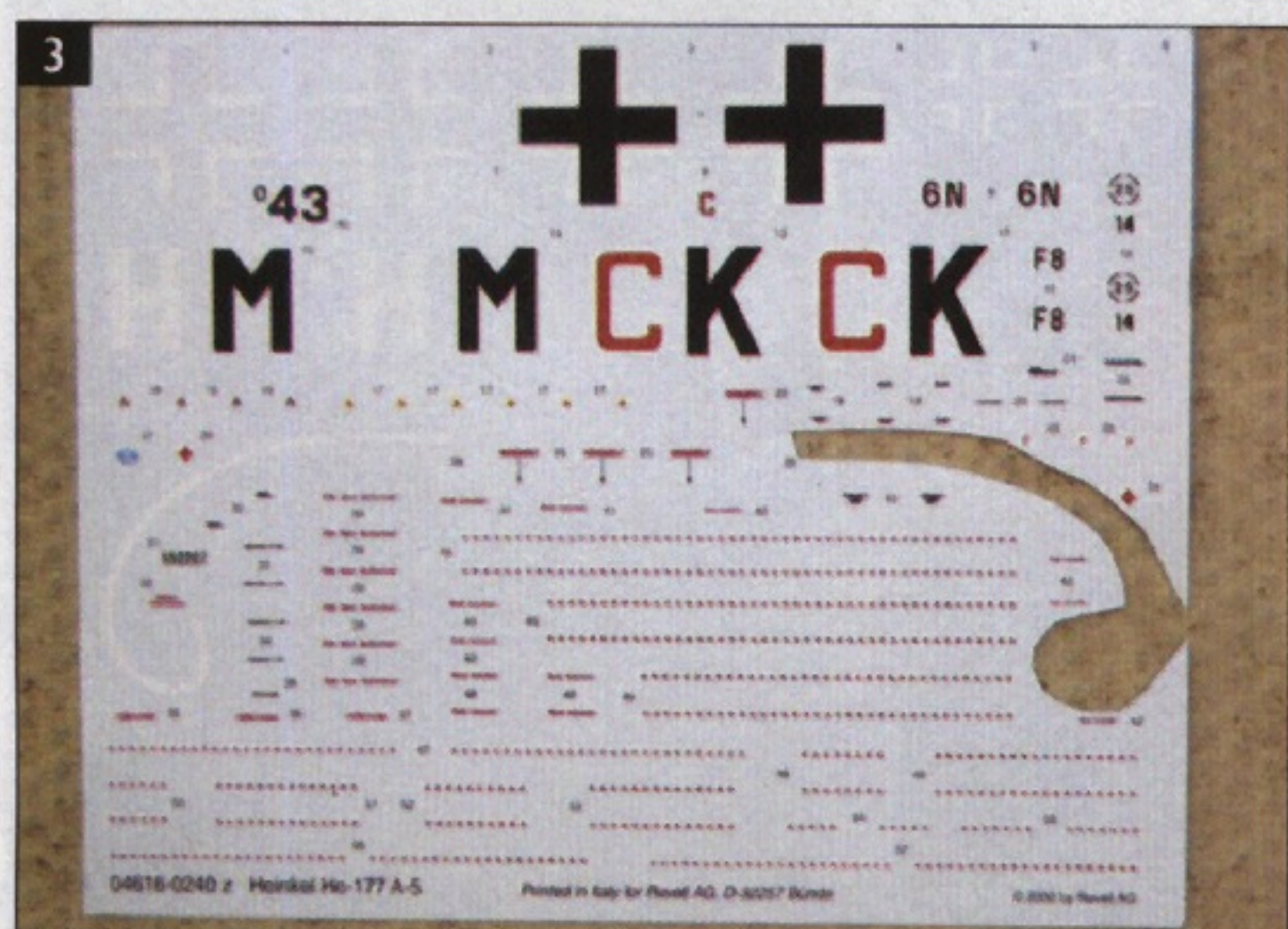
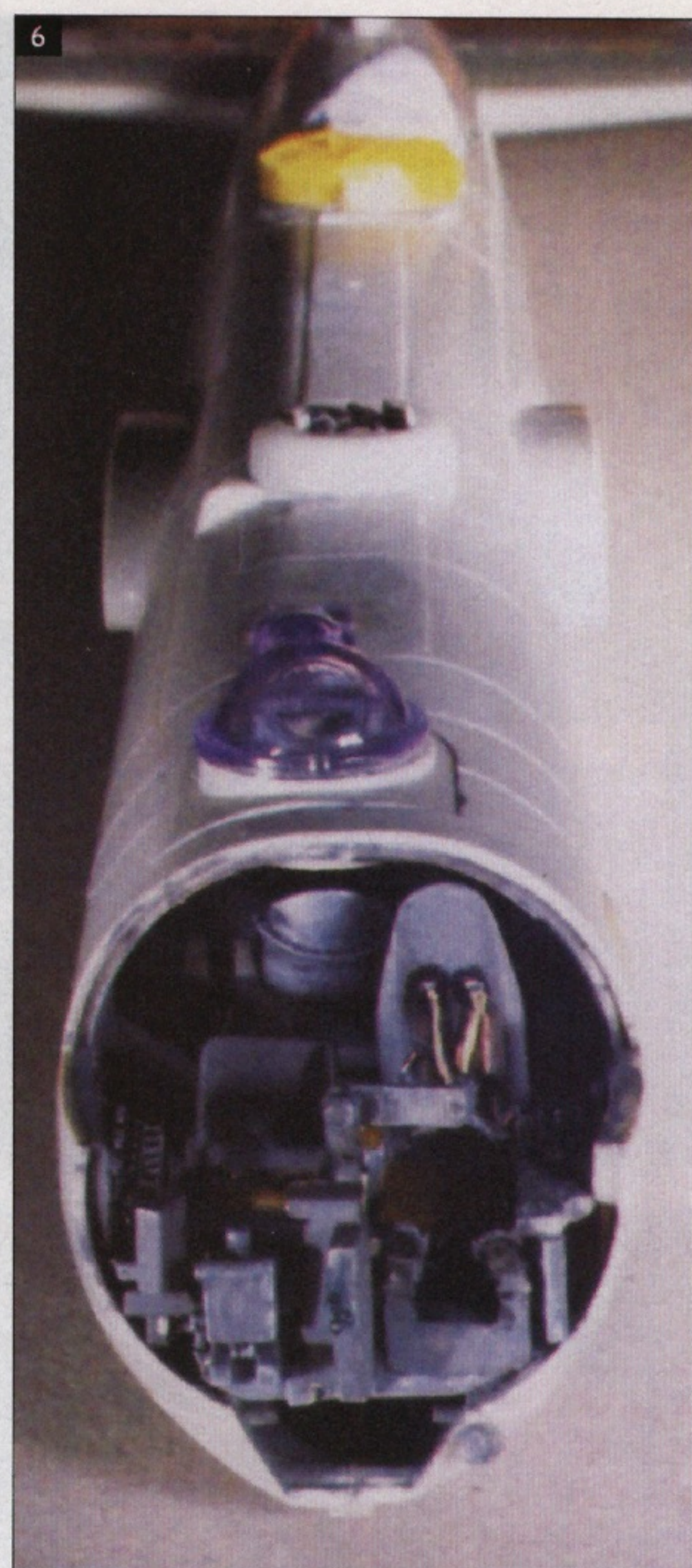
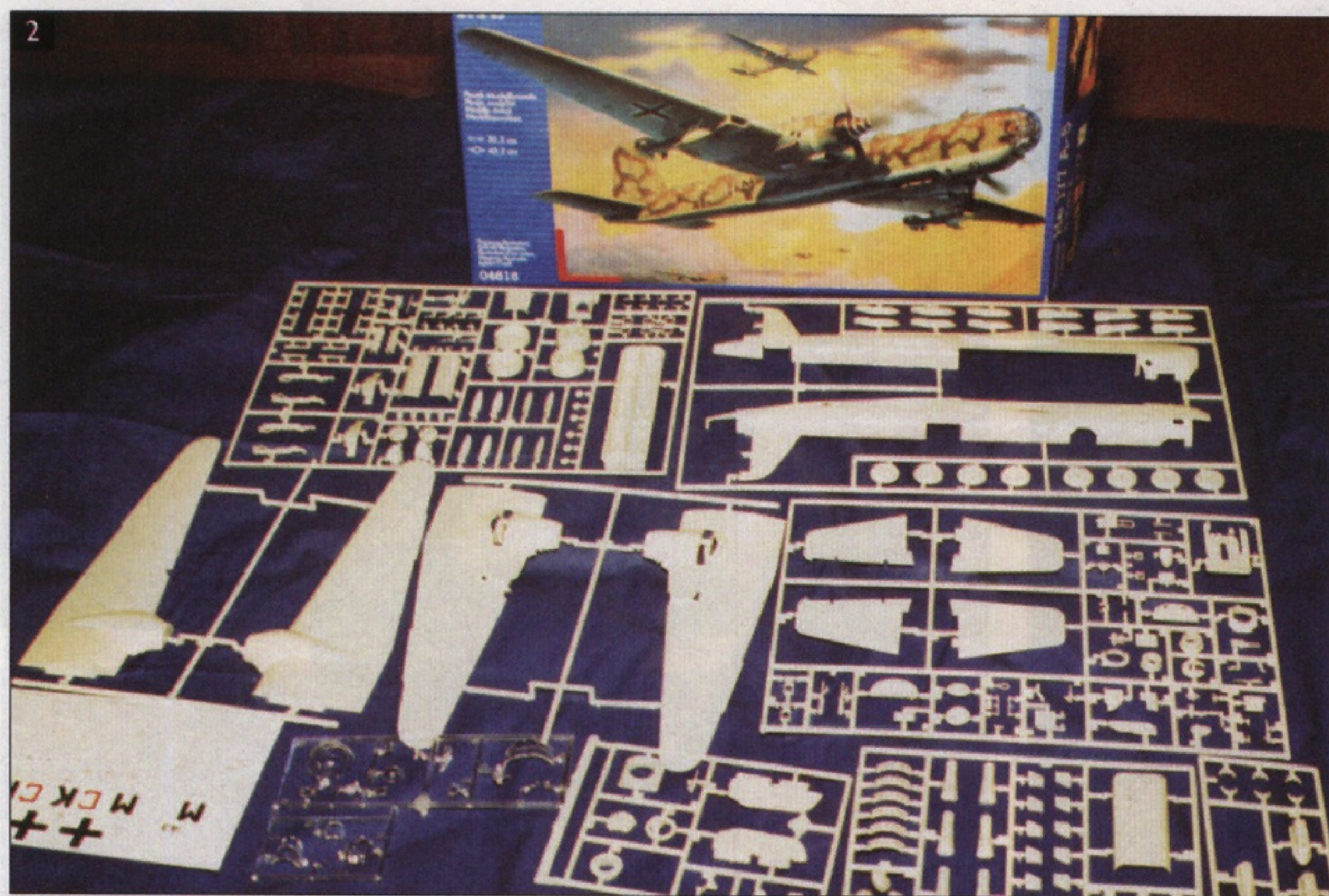
There are 234 parts on eight sprues, seven grey and one clear. They are well moulded with very little flash and a commendable amount of fine detail work. Revell have come a long way in raising the quality of their newer kits and this one is no exception with cleanly cut recessed panel lines (maybe a little too deep in places) in quality plastic, so first impressions are favourable, apart from one glaring omission: no swastikas on the decal sheet. Come on guys, I know this

model was made in Germany and the crooked cross still has political connotations, but it is annoying to have to resort to aftermarket decals or paint your own (which can get a bit tricky) to finish the kit.

(Unfortunately Revell have no option but to omit the swastikas from their kits, as the image is banned in many European countries, including Germany! - Ed.) Other than that the decals are quite good with fine details in perfect register and colour density (photo 3).

Instructions

The instructions for this kit aren't in a sheet, they come in a book! It's A4 size and has twenty-four pages. Page 1 has a completed model photo accompanying a short history and the technical specs. Pages 2, 3 & 4



are warnings and the 'read before you start' kind of stuff in no less than 18 languages (does anyone actually read that bit?). Pages 5 & 6 are a parts viewer with the unused items greyed out. Page 7 gives you a key to the symbols used in the construction stages which start on Page 8 and there are 64(!) stages to get through. Pages 21, 22 and 23 are the paint and decal application instructions. There are two versions included, one from 4./KG100 at Château Dun in 1944 and one from 2./KG100 at Bordeaux-Mérignac in late 1944. Phew! Now we have got past that lot, let us begin.

Construction

As usual, it's the interior first which gets a coat of dark grey, trying to make sure I get all the little bits on the various sprues. Once that was

dry a wash of black was applied to give a bit of depth before a dry brush of light grey to raise the details. Then it's on to detail painting of the seats, seat belts, instrument panels and so forth. The kit's level of detail in these areas is good so it's just a question of keeping the paint on the right bits of the mouldings and a satisfactory result is easily achieved (photo 4). Once everything has had some time to dry thoroughly a coat of matt varnish is applied and the instrument dials (don't forget the bits on the clear sprue like I did) are picked out in gloss. Job done.

As you can see from the photographs (photos 5 & 6) there is quite a bit to stuff into the tubular fuselage and it all requires several dry runs before committing any glue to the joints, but once the

interior parts are trimmed and fettled to fit it snaps together quite nicely.

The bomb bay was going to remain closed so there was no need to paint its interior and both it and its doors slotted together well. Once dry the whole fuselage needed only minimum filling, trimming and rubbing down to get a good result.

Whilst the fuselage was taped up drying, I moved onto the wings which slot together well with some nice detailing around the engines (photo 7). At this point I elected to do both the little Fritz X missiles and the propeller spinners. The spinners have the usual German spirals and I for one can never get the decals to sit tidily, but I gave it a go (you can see the one I chopped out of the decal sheet in photo 3) before binning it and resorting to

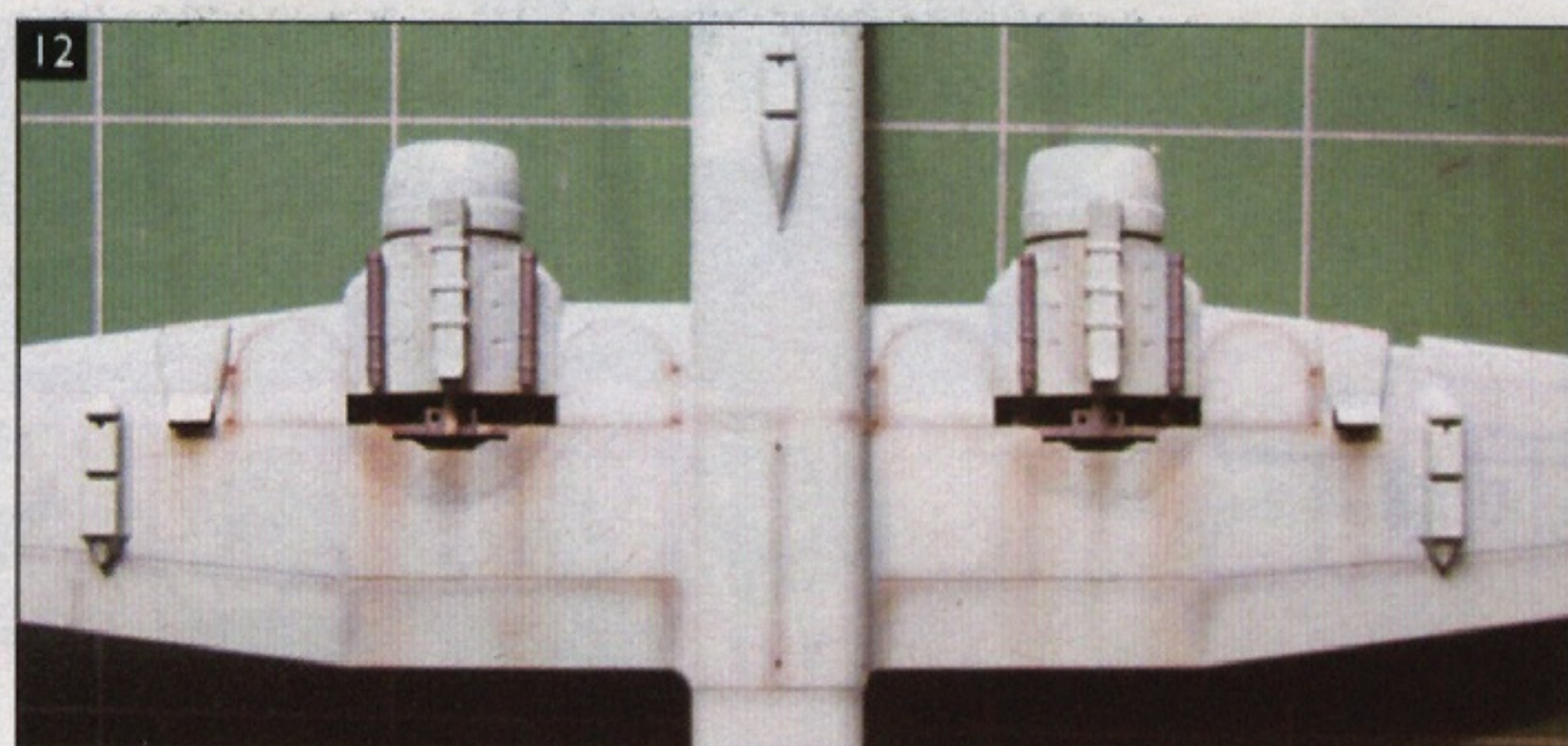
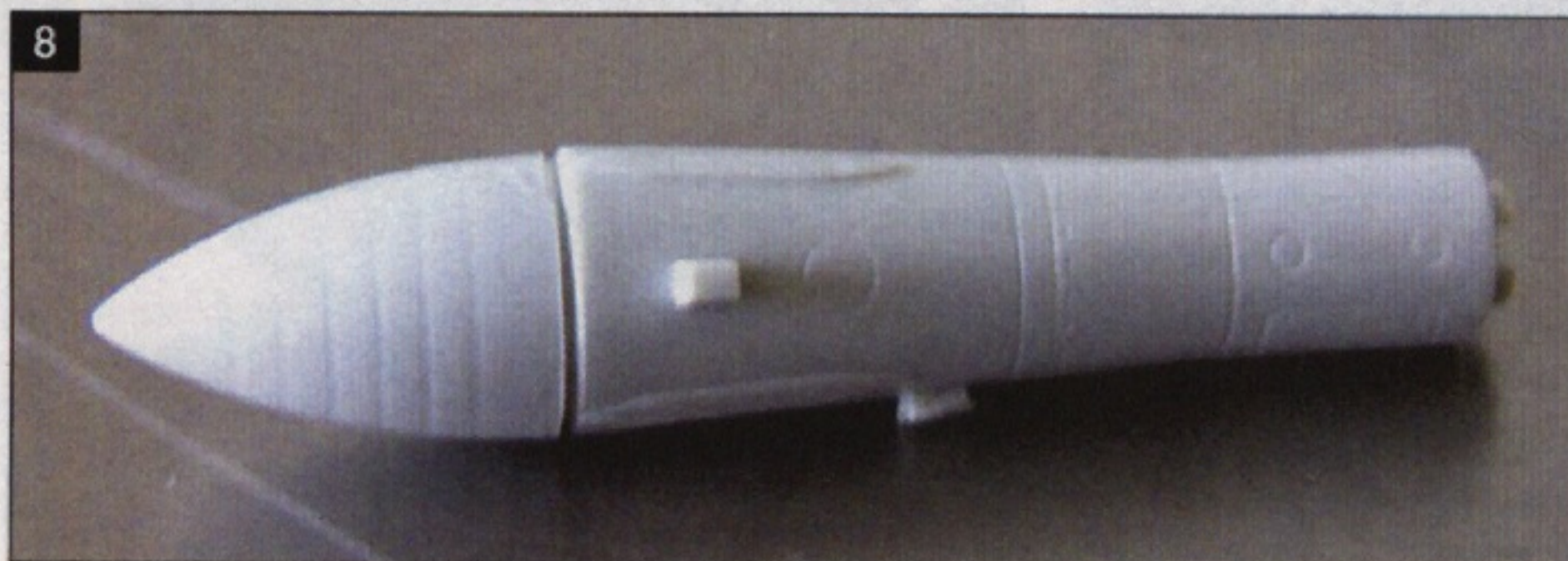
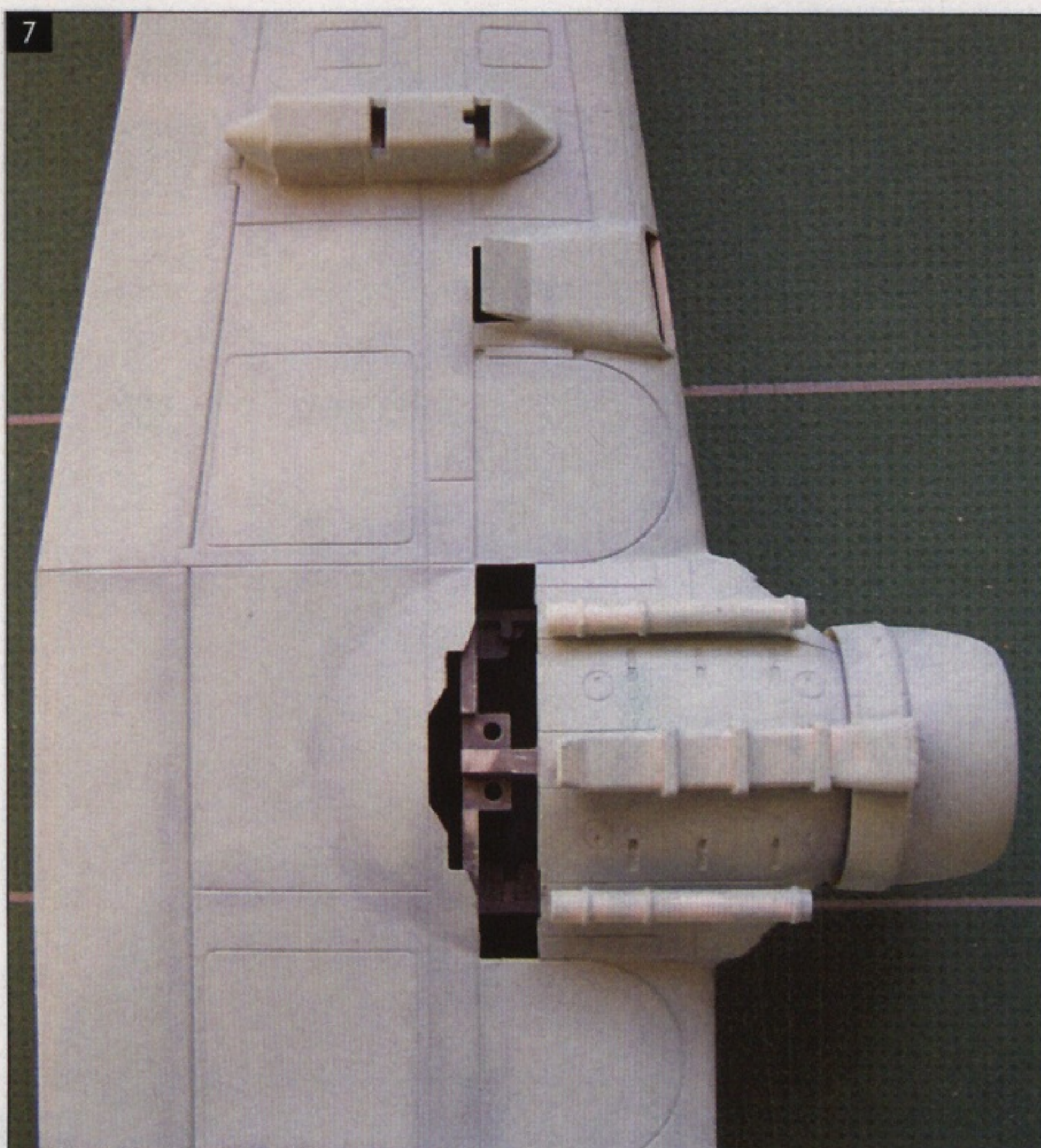
Heinkel He 177A-5 'Greif'

| | |
|----------------|---------------------------|
| Scale: | 1/72nd |
| Kit No: | 04616 |
| Price: | £12.99 |
| Panel Lines: | Recessed ✓ |
| Status: | New Tooling ✓ |
| Type: | Injection Moulded Plastic |
| Decal Options: | 2 |
| Manufacturer: | Revell AG |
| UK Importer: | Revell AG (UK Branch) |

painting them on by hand. The propeller blades were painted black-green and a few chips added to their leading edges, they were then set aside to be added later.

Fritz X

Ooh, those little Fritzs! The missile has a very intricate tail section and this was one area where Revell didn't get it quite right. Running right through the middle of the little vertical pieces on the tail, there



was a mould joint line that didn't quite match up, leaving a horrible, misaligned raised flash line, which required some intricate file work to clean up. Also the nose section of the warhead wouldn't sit onto the body of the missile resulting in a huge gap all the way around the joint (photo 8) requiring removal of a large step on the interior joint faces. Otherwise they look good when they are made up with some excellent detail on the stub-wings.

According to the write-up the missile is 3.26m long with a span of 1.35m. The model scales out at 3. m long and 1.3m span, so it's as close as my measuring will get.

Construction Again

Back to the construction of the Greif, and after a bit of trimming it was time to fit the wings and tail

units. Here came a pleasant surprise, it all fitted together perfectly, not a trace of filler had to be used on any of the joints (photo 9) so it really was utterly straight forward, lovely.

With the big bits set aside to harden I turned my attention to the undercarriage. Well moulded and detailed they required minimum trimming before paint and after a black wash, a bit of dry brushing and silver, the struts look good. The wheels and tyres again are moulded with nice detail and painted up well (photo 10) and have a good chunky look to them.

With the main assembly now dry I fitted all the smaller detail parts, the exhausts, aileron and elevator hinges, the doors and hatches etc. I also masked up and fitted the transparencies as I like to paint with them on to give a better 'built-in'

look. But I don't fit all the really small detail bits such as the radio aerials and pitot tube as I have an awful tendency to snap them off as I'm working.

A final once-over to make sure everything is in place and it's on to paint.

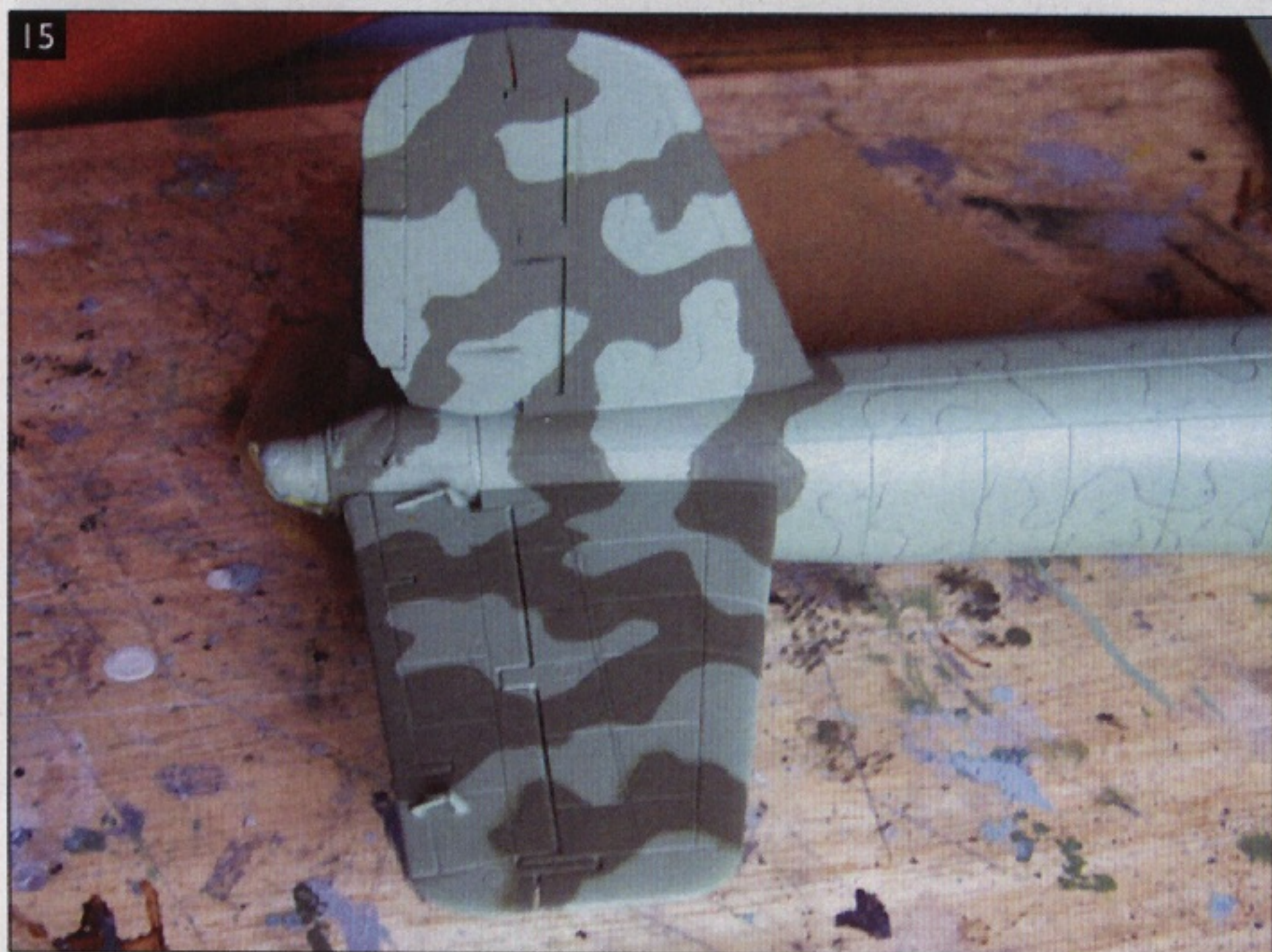
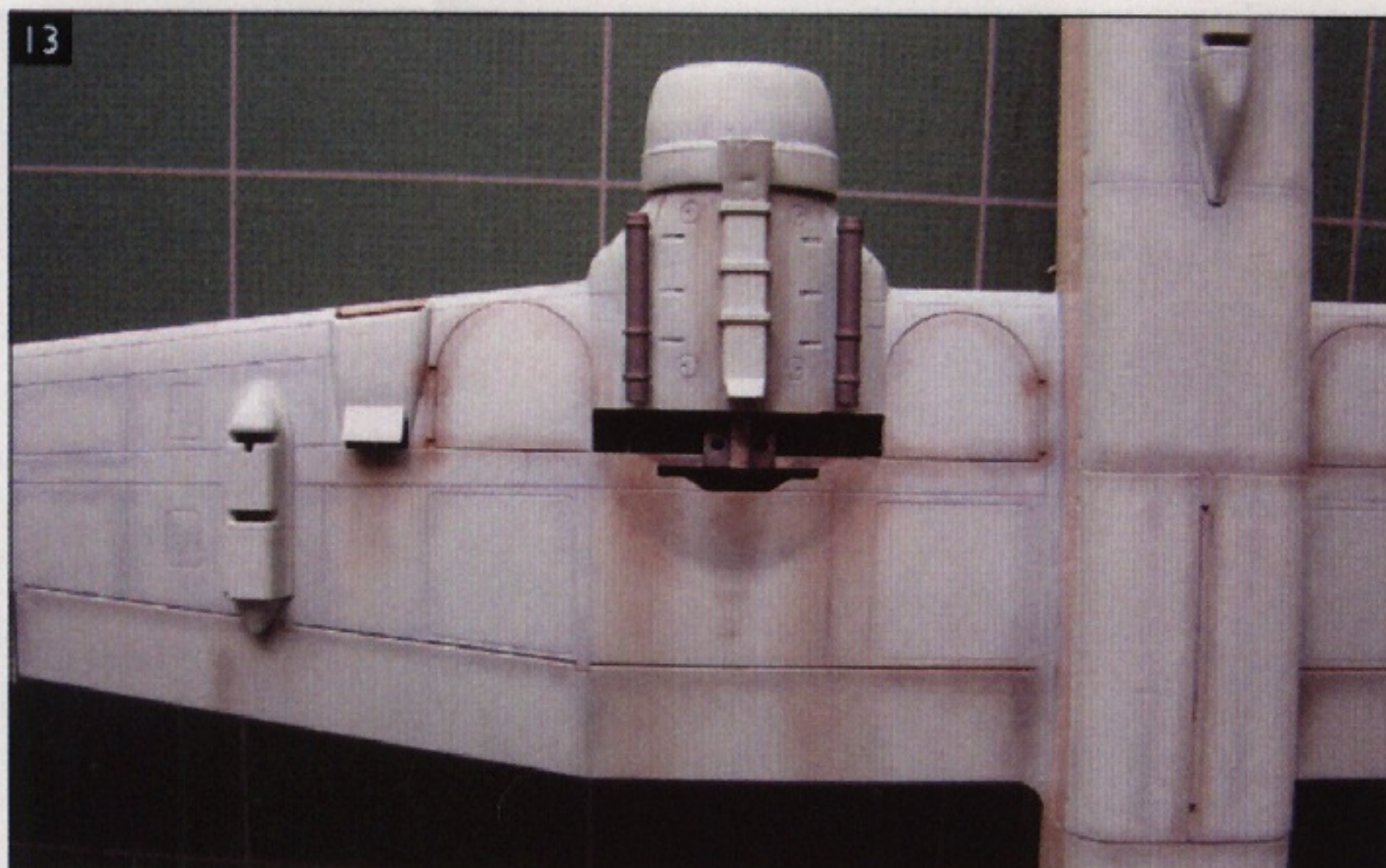
Painting

The bloke I was making this model for (Dai, bless him) decided he wanted it to be in KG 100's overwater disruptive pattern of RLM 02 (grey-green) and RLM 73 (green) upper surfaces with RLM 65 (light blue) lower, which is option 1 on the painting sheet and the one displayed on the box.

I always paint the undersides first and a couple of coats had a nice even colour, to be followed by picking out the panel lines with a slightly darker

blue tone (USN FS36375) (photo 11) (sorry about the poor photograph, but it was taken late at night under artificial lights). Then a bit of basic enhancement with various pastel shades to give some exhaust stains and general grubbiness (photos 12 & 13).

Once that was thoroughly dry it was out with the masking tape and time to start the upper surface. Two coats of RLM 02 was the easy bit, then came the horror: that camouflage pattern! A couple of hours of careful pencilling followed to get the pattern in place before any paint was applied (photo 14). I used two main references for the patterns: 'Warplanes of the Third Reich' by W Green and 'Warplanes of the Luftwaffe' by Grange Books, which has an excellent three-view colour plate of the Heinkel by Ian





Wyllie (photo 15). It took several hours of painting with the RLM 73 but I finally got a reasonable result (photo 16). Once again I picked out the panel lines with some darker shades and applied some heavier pastel work around the flight controls and the engines.

After the whole thing had been set aside to dry overnight I gave it a coat of clear varnish (photo 17) ready for the decals.

Decals

The markings went on very well. The quality of the decals is good, and as mentioned before, they have fine register and density without being too thick, and with a couple of swastikas courtesy of Xtradecal it was soon looking good. The walkway markings and the little stencils however I didn't use as they

were just too fiddly, instead I opted to put them on by hand using a couple of very fine markers.

The only real complaint I have is that the code letters, H & M in this case, were a little bit too large, they should have been a bit skinnier, but that really is a nit-pick (photo 18).

Finishing

So it was time to add all the little bits I'd left off (and some not so little bits). These included the mass balance weights, the radio mast, undercarriage units and doors and those funny little coolant vent pipes that stick up on the engine nacelles. Oh, and the pitot tube on the port wing, which I immediately managed to snap. Doh!

Once everything had hardened off I gave it a couple of coats of matt varnish, removed all the

masking from the transparencies and fitted the aerial wires (made from 11b fishing line). Job done! (photo 19)

Accuracy

The model has a span of 43.2cm and a length of 30cm which scales up to 31.10m and 21.6m respectively. My sources quote a span of 31.44m and a length of 22.00m for the real thing which makes the model 4mm short across the wings and 5.5mm short over its length. This is next to nothing in this scale so it's not a bad effort and the way it sits on its gangly undercarriage looks just right.

Conclusions

What can you say? Revell are trying hard these days to produce quality kits at reasonable prices and on the

evidence of this effort they are doing a fine job. Notwithstanding a few gripes about the fit of some of the smaller detail parts and the sometimes over-complicated way they seem to like to put things together, this is an excellent kit, well worth the money and effort to make. I don't know if any other manufacturers makes a He 177, in this scale (Only Airfix ever has and that was 30+ years ago now! - Ed), but they'll have to try hard to better this one.

Mrs Revell, you can be proud of your little boy, he done good.

Thanks to Dai Willis for the kit and his enthusiasm.

Steve Evans

References:

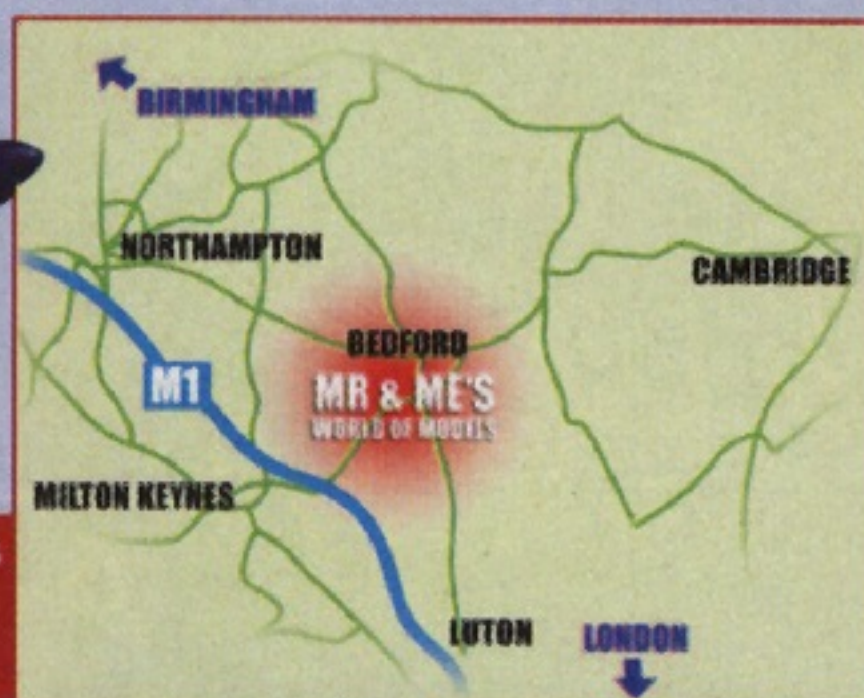
- Warplane of the Luftwaffe by David Donald, Grange Books
- Warplanes of the Third Reich by William Green, Galahad Books

MR & ME'S WORLD OF MODELS

Britain's *local* Modelling Mecca!

Importers of:
High Planes Models
Berna clamps
Tasman
Ventura

Stockists of:
Academy
AER
A-Model
Airfix
AFV Club
Astrokit
Azur
Bilek Hobby
Blue Max
Cote d'Arms
Czech Model
Delta Bits
Dragon
Eaglestrike
Emhar
Encore
Falcon
Glencoe
Hasegawa
Heller
Hobbycraft
Huma
Italeri
ICM
JB Models
Lifecolor
Maquette
Mirage
Monogram
Modelcraft
MPM
PM Model
Pavla
Revell
Roden
SMER
Squadron
Sword
Tamiya
Testors
Zvezda



All within an hour's
driving distance
from MR & ME

**Come on Sunday and be part of our
Long Distance Coffee Club.**

We've now got a massive inventory in stock from pretty nearly every manufacturer you can name, so its worth the trip, wherever you come from. We often have interesting old, mint and boxed/bagged kits at sensible retail prices. Take a trip down memory lane.

(We also stock lots of Art and Craft items, collectables and model railways so bring the family and make a day of it)

- 2000 square feet of shop space to get lost in
- Parking underground for 500 cars
- Mail order welcome (allow 28 days for delivery)
- Call us or call in soon

* **BIGGER HANGAR DOORS OPEN 7 DAYS ***
9.30 - 5.30 MON-SAT: 11.00 - 3.00 SUNDAYS
SAXON CENTRE, BEDFORD ROAD,
KEMPSTON, MK42 8PP

HOTLINE: 01234 852780 • 24 HR FAX: 01234 305101 • Website: www.mrme.biz

IA 58 A Pucara

**special
HOBBY**

SH 72047

NEW!

scale
1/72



Douglas DB 8A-3N

1/72



72525

Polikarpov R-Z "Red Army"

1/72



SH 72055

P 36A "Pearl Harbor"

1/72



SH 72052

Nardi F.N. 305

1/72



A 042

AZUR

more info: www.mpm.cz



NEOMEGA RESIN KITS

Made In Russia
God is in the details

1/48th Resin Cockpits

C50 MiG-15UTI
For 1/48th Trumpeter Kit
£15.00



C53 MiG-19
For 1/48th Trumpeter Kit
£11.50

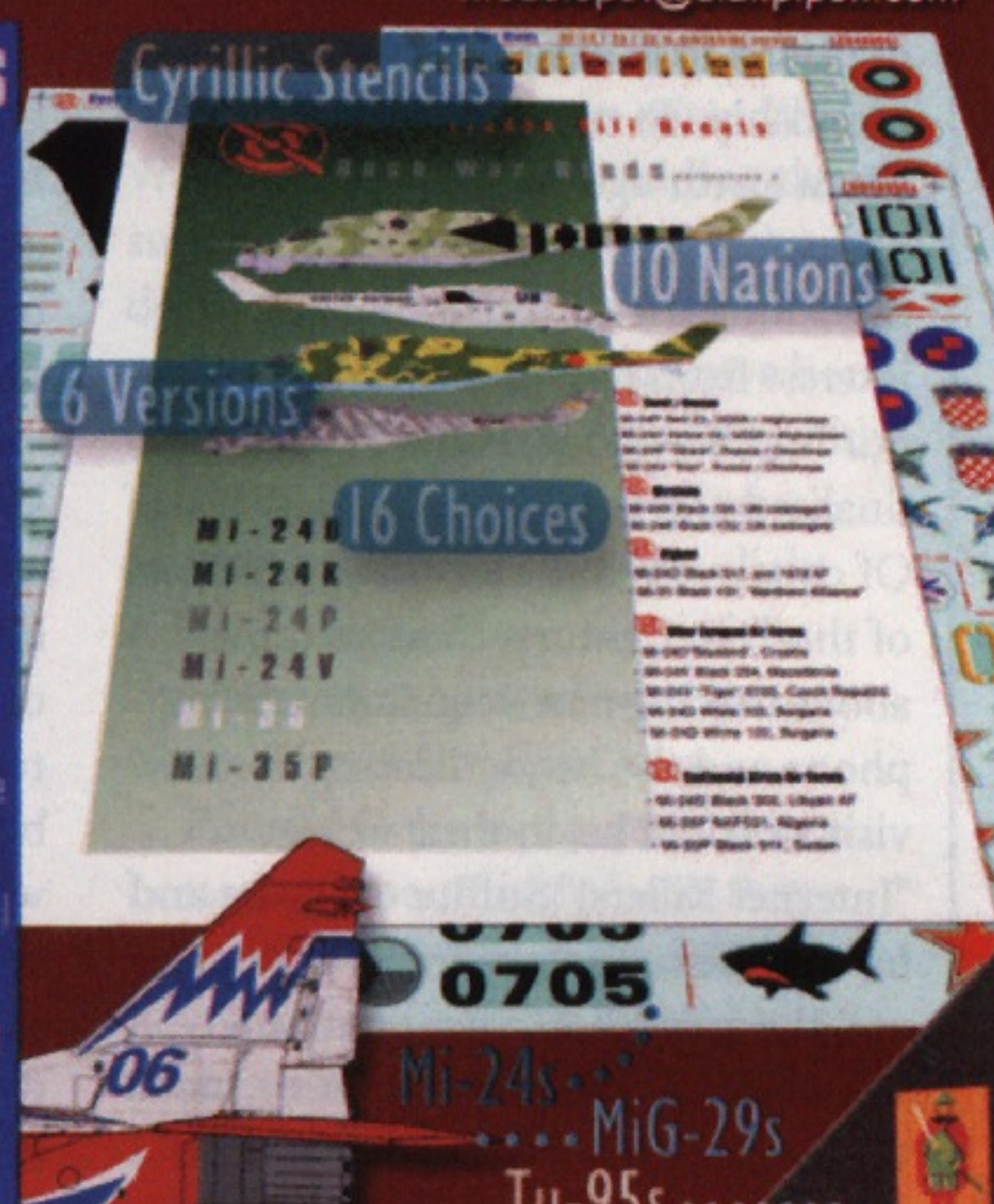


Also new - We now distribute the superb Rest Models resin kits - 1/48th I-15 'Chatos' - see our web site for details. Linden Hill stockists

Post: UK/BFPO £1.00, Overseas £2.00. All cards taken. Trade welcome
Visit our secure web site - www.neomega-resin.com
or send an sae for our latest list of sets, kits and seats to:
Parade Figures, 65 Shilton Rd, Barwell, Leics. LE9 8HB, UK
+44(0)1455 230952
models@lindenhillimports.com

LINDEN HILL IMPORTS
Home of
www.neomega-usa.com
North American NeOmega retail and dealer inquiries welcome

LINDEN HILL DECALS
New releases:
LHD48006 & LHD72006
'Bush War Hinds'
LHD48008 & LHD72008
'Strizhi MiG-29s' 2003 scheme
LHD57201
'Heraldic Bears', Tu-95 special
visit us at:
www.lindenhillimports.com
contact@lindenhillimports.com
FAX: +1 914 734 9617
P.O. Box 543, Crugers, NY 10521 USA



1/48 Spitfire IX
Corrected Fuselage
for the Hasegawa
kit. Includes a bonus
of horizontal tails,
chin with intake and
gun bulges to make
an early Mk IX. A Mk.
VIII is also available.
Other Mk's coming!

NEW FROM LOON MODELS!
See the entire line of 1/35, 1/48 and 1/72
accessories at www.loonmodels.com
(dealer inquiries welcome)

**1/72 correction for
Revell BF109G-10.**
Wing with proper gear
location, dropped slats
and flaps, optional
small wheel bumps,
prop/spinner, rudder,
tailwheel and intake.



**LOON
MODELS**
BY ROLL MODELS, INC

Loon Models are available
from Roll Models
(www.rollmodels.com)
and other fine retailers
PO Box 27066
Golden Valley, MN 55422 USA
763-545-0399 (voice)
763-545-0899 (fax)
loon@rollmodels.com

1/72nd Scale

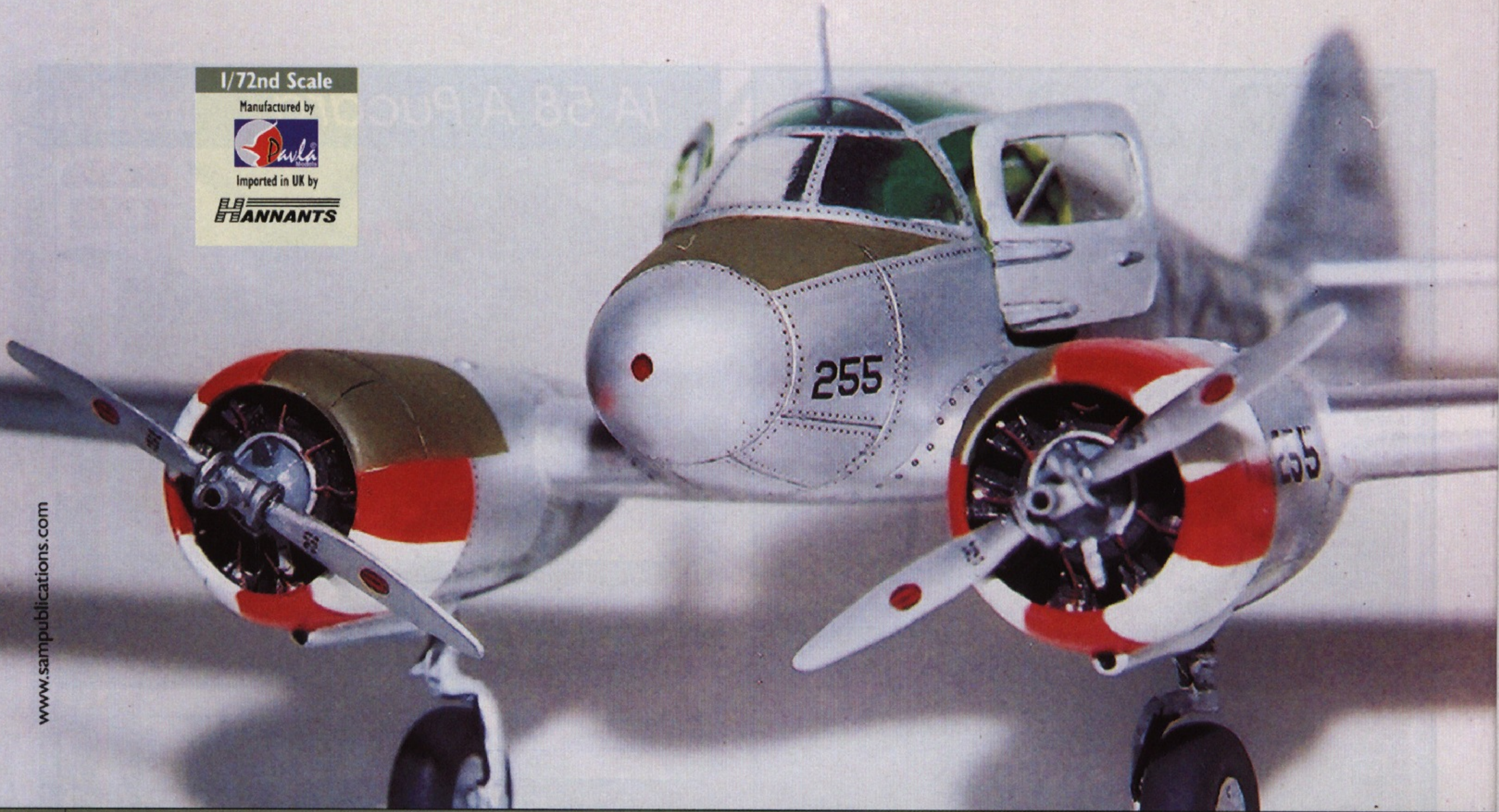
Manufactured by



Imported in UK by

ANNANTS

www.sampublications.com



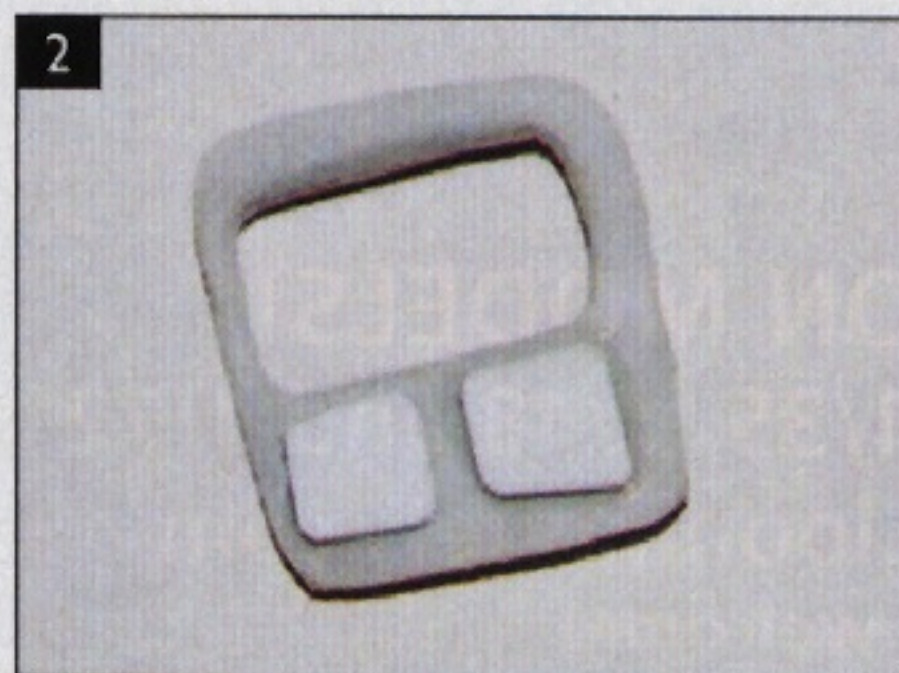
Cute Little AT-9 Jeep

by Frank T. Cuden

One of the highlights of the modelling world is meeting new modellers. Sometimes, those meetings turn into friendships. Two years ago, through an email and subsequent telephone call, I had the opportunity to make a new modelling contact which turned out to be just that, a new modelling friendship. To make a long story short, about a year ago, I received another phone call from my new-found modelling friend, indicating an interest from him and his wife to visit our humble abode. Plans were finalised and the short visit took place. Of course my children, being products of the 21st. Century, cautioned me about making new acquaintances via phone and the net, indicating that my visitors could be, in their words, "Internet Killers!" Suffice to say he and his wife became fast friends of ours and the relationship has continued since. Ah, the caution of youth! One of the by-products of their visit was his presenting me with the 1/72nd scale

Pavla kit of the AT-9 'Jeep' or 'Fledgling' as it was sometimes called, as a gift. What's the old saying about beware of someone bringing gifts? Obviously, not of the top-notch 'shake and bake' quality of some of today's kits, it nonetheless piqued my interest and a few months after the visit, work commenced.

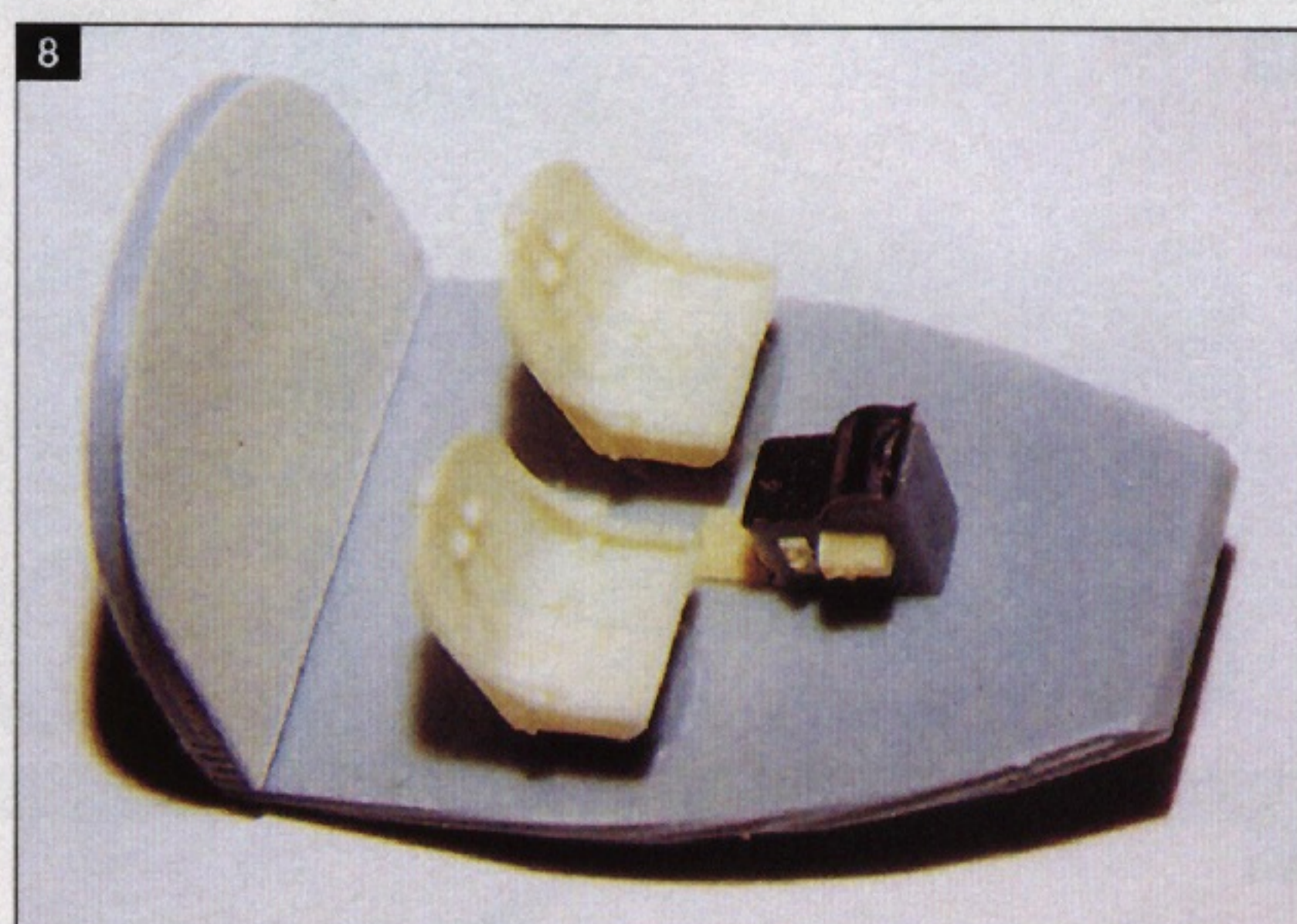
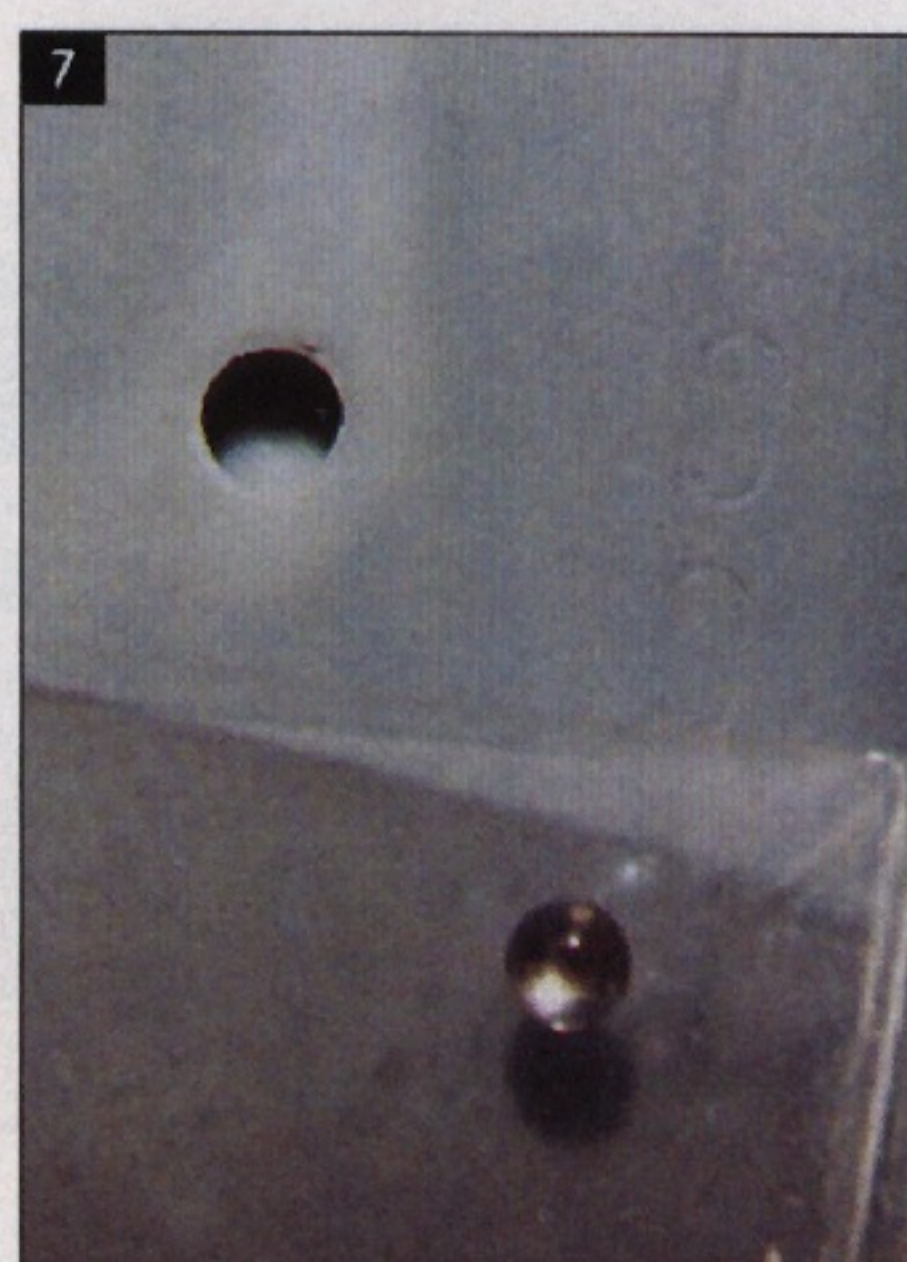
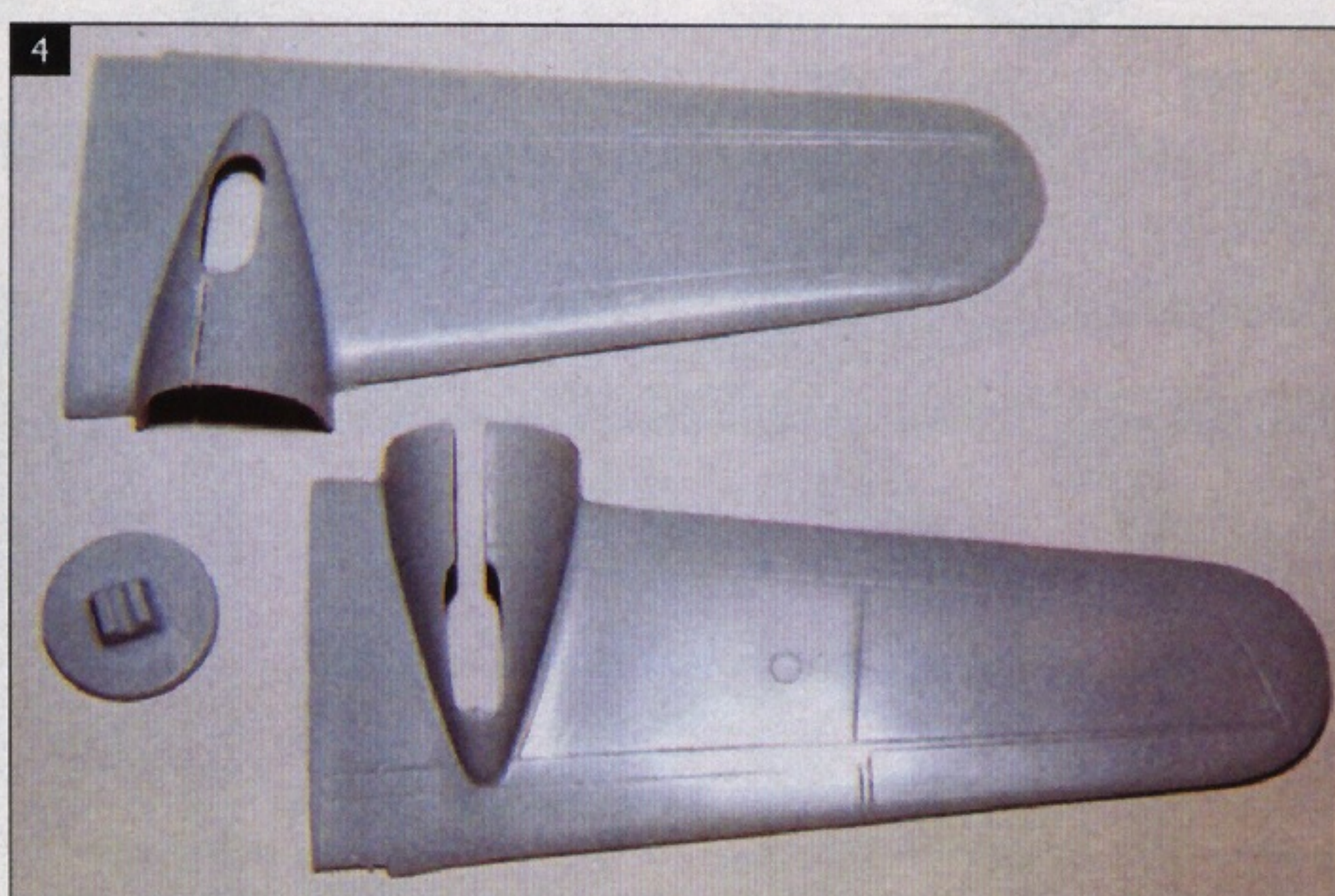
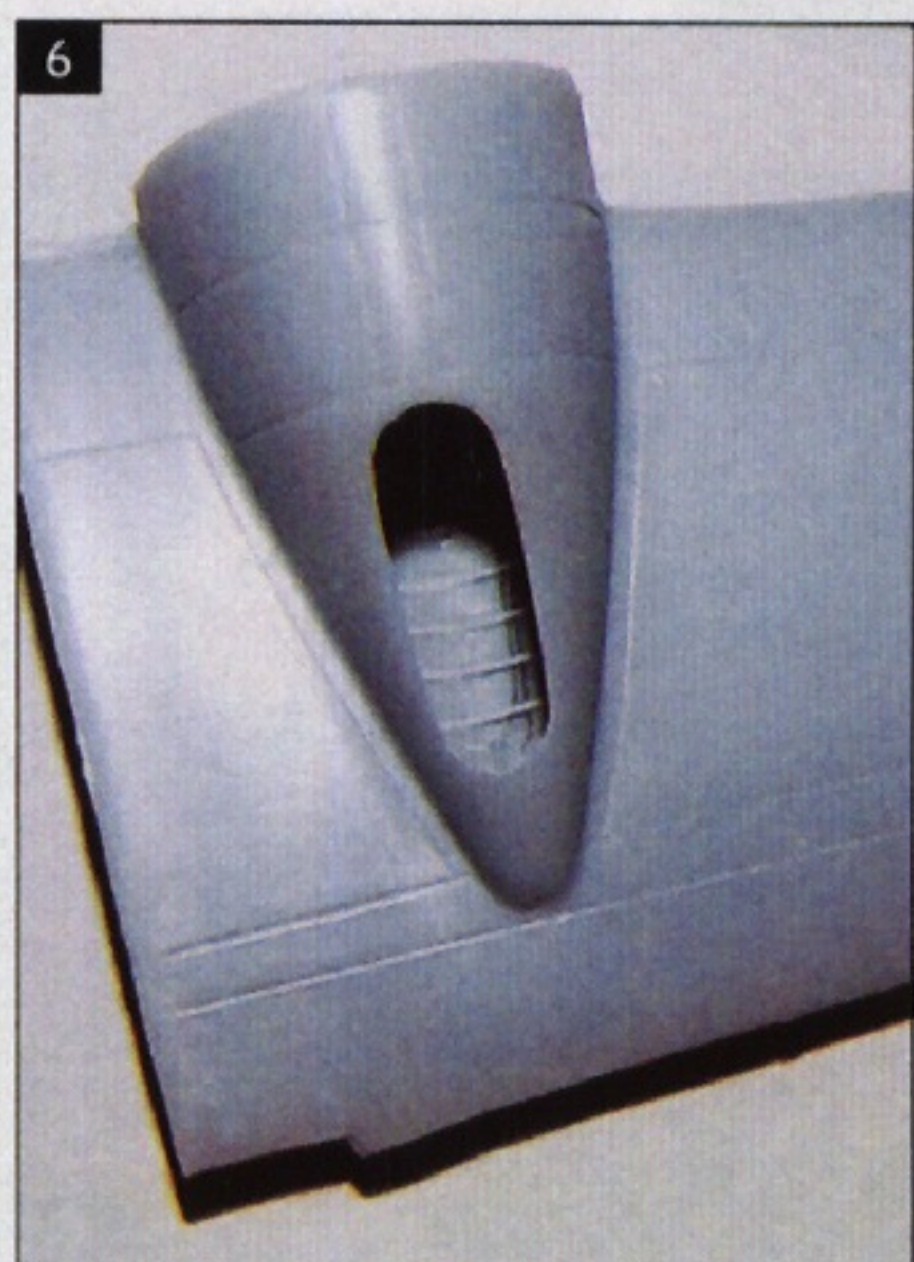
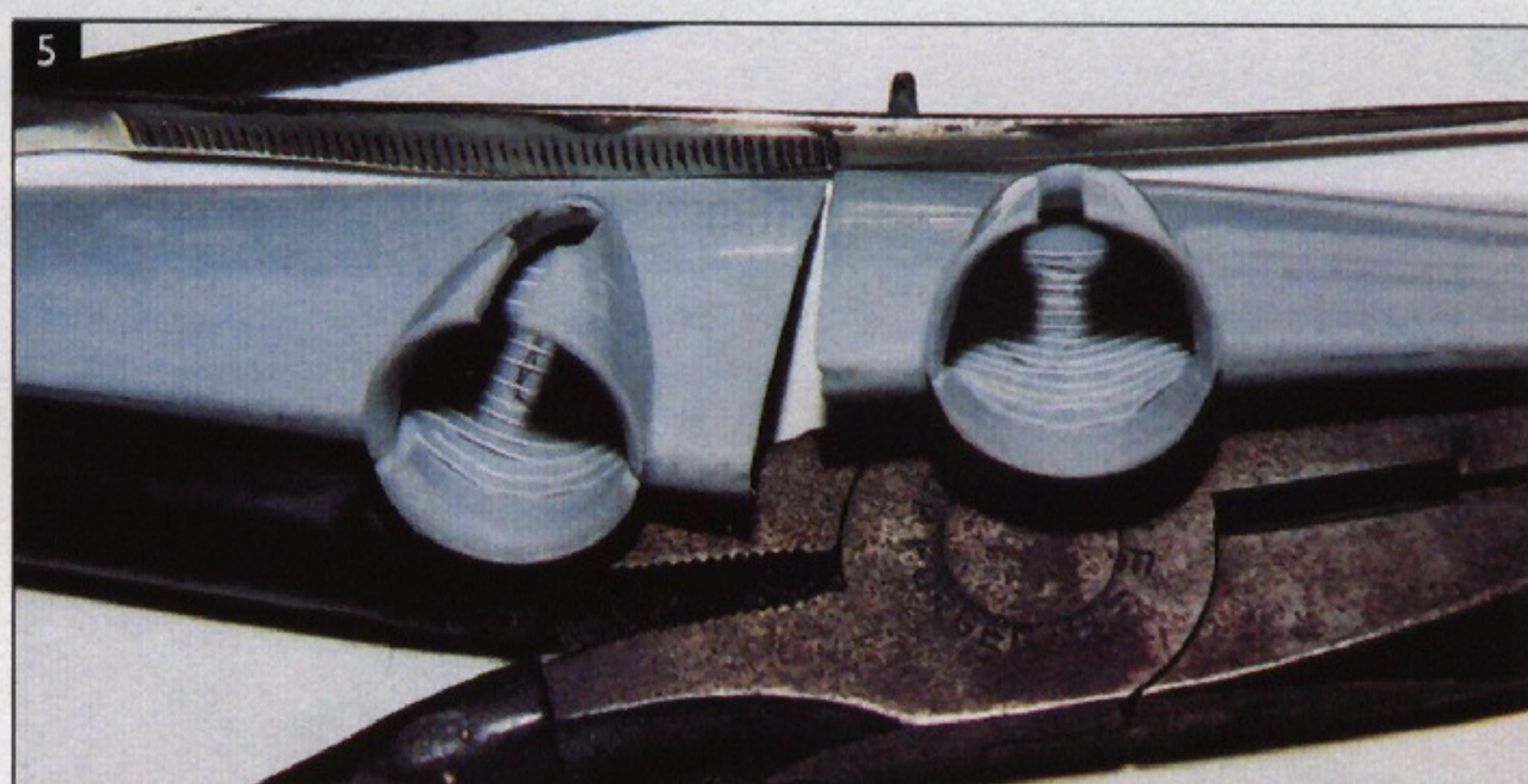
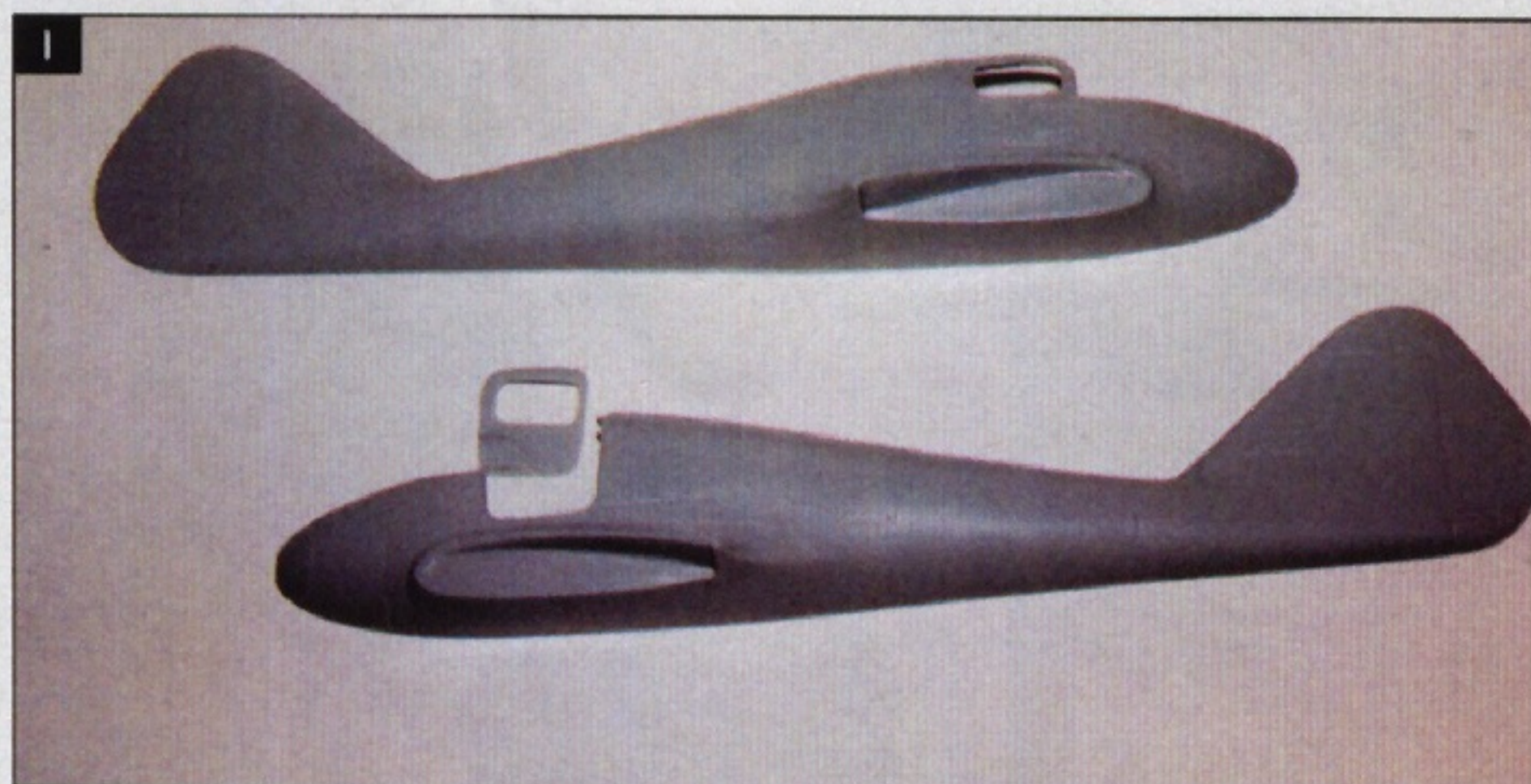
What looked like a fairly easy kit turned out to be a bit more than that. If you've read some of my earlier articles, you will know that I can never seem to build a kit as it comes out of the box, and this one was no exception. Looking at the pieces of the kit, I was impressed with the etched set accompanying the plastic. Nice little touches were there in the form of control wheels, wheel hubs and recognition light housings to name but a few. Thinking about what I would do, I began by deciding to cut open the cockpit doors, reasoning that such a step would add to the overall effect of the finished model. In photo 1, I've cut out the port cockpit door and am about to embark on the



starboard one. Keep in mind that the overall wing span of this model is only a little over 6 inches! In photo 2, I've added some detail relief to the door insides. Another friend of mine provided a set of Paul Matt plans for the AT-9, which showed a lot of detail in the three-view line drawings. Those plans really helped with the location of various bits and pieces, so thanks, Ken! In the photo, I've added a map case on the starboard door interior as well as another small panel. I would later detail-paint the lot.

The wing halves are seen in photo 3. Note the moulding plugs left behind after the pieces were formed. It was a simple matter to remove

those with a hobby knife, followed by a little wet 'n dry paper. In photo 4, I've begun cutting out the area from the forward part of the engine-housing cowl. That was necessary due to the location of the landing gear legs. The small circular piece would hold the landing gear leg at the front of the engine housing. Reasoning that to retract, the leg would have to fold backward and up into the well, there had to be a path for the leg to follow. Unfortunately, the Paul Matt plans did not include an underside view, but my logic would seem to be sound, therefore, the cuts were made. I also decided to rib the upper parts of the gear wells. I used some .002 plastic rod which gave the well some depth and detail. In photo 5, one can see the end result and in photo 6, the detail is shown prior to the gear strut cut being made. Small circular panel line indentations are given on both lower wings and those are for the retractable landing lights. In photo 7, I've drilled and bevelled out the appropriate-sized hole.



Alongside, safe in a small plastic bag is one of the MV Model Railroad lenses I would use for those lights at the end of the project. Beginning with the cockpit, photo **8** deals with the rather sparse interior. I elected to use True Detail's generic US Navy bucket seats. Even though this was a US Army Air Force aircraft, I felt the seats would look good in the cockpit. Pavla provides the plastic floor and bulkhead as well as the centre console and metal etched covering. Bending the single piece to conform to the plastic console was a relatively easy task. Small side resin detail for the console is also visible. I added some plastic strip to the cockpit walls, visible in photo **9** as well as some resin generic cockpit details I had on hand. Using thin plastic, I cut and shaped a piece to represent a door leading from the cockpit to the aft fuselage, with a small doorknob added for good measure. Pavla provides two very nice etched control wheels and columns; however, they were grossly exaggerated in size so my

spares box yielded two small ones that would work perfectly.

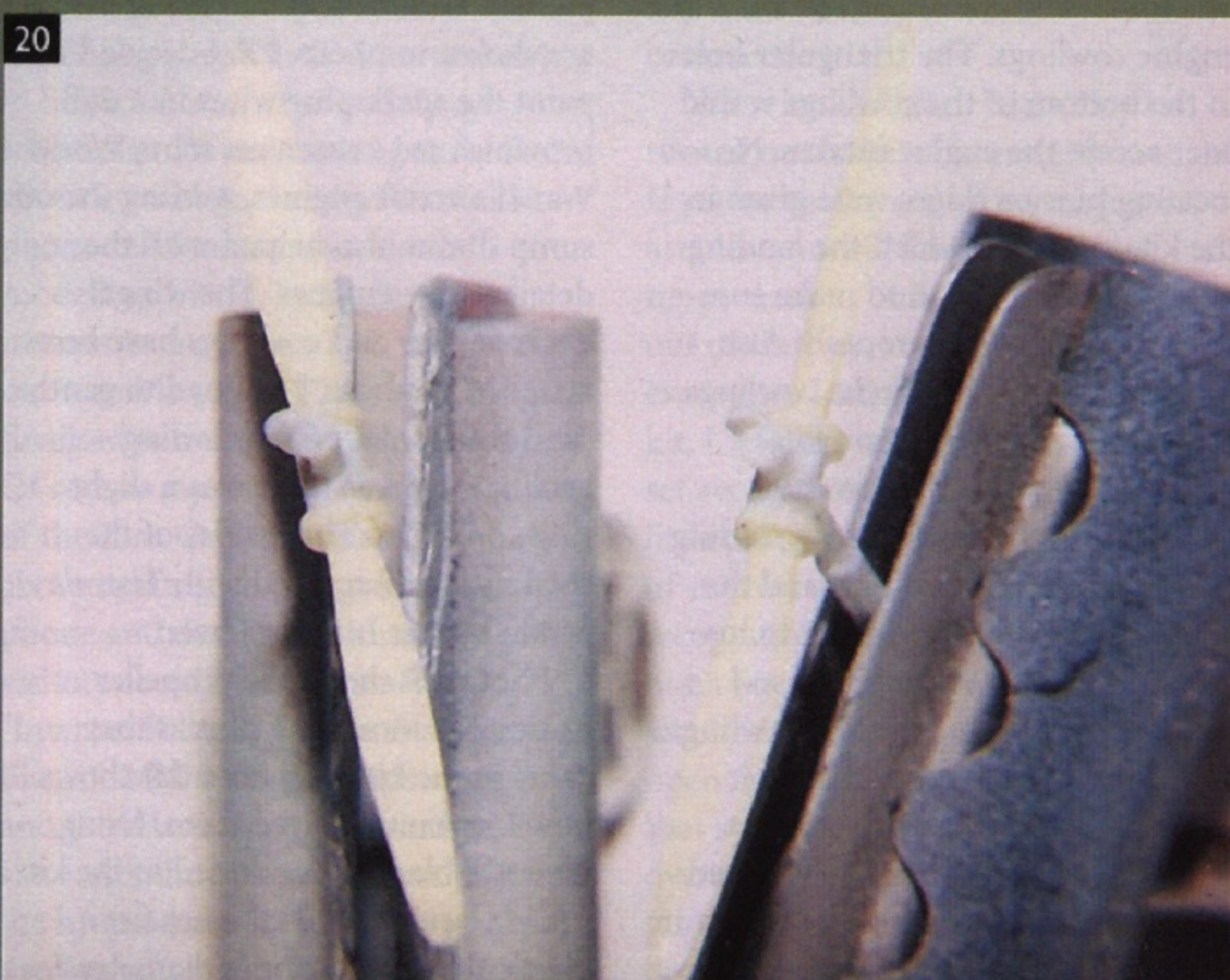
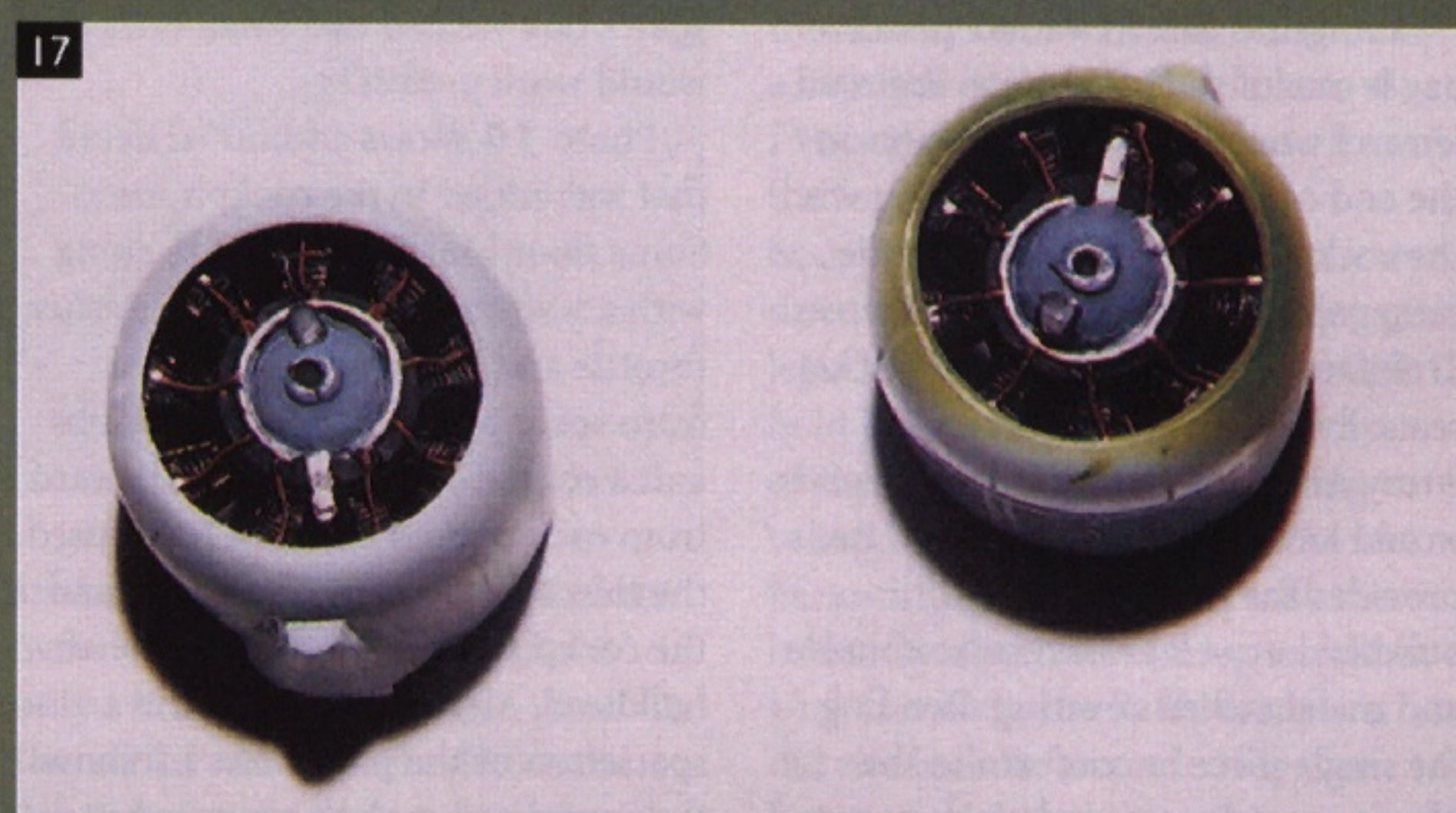
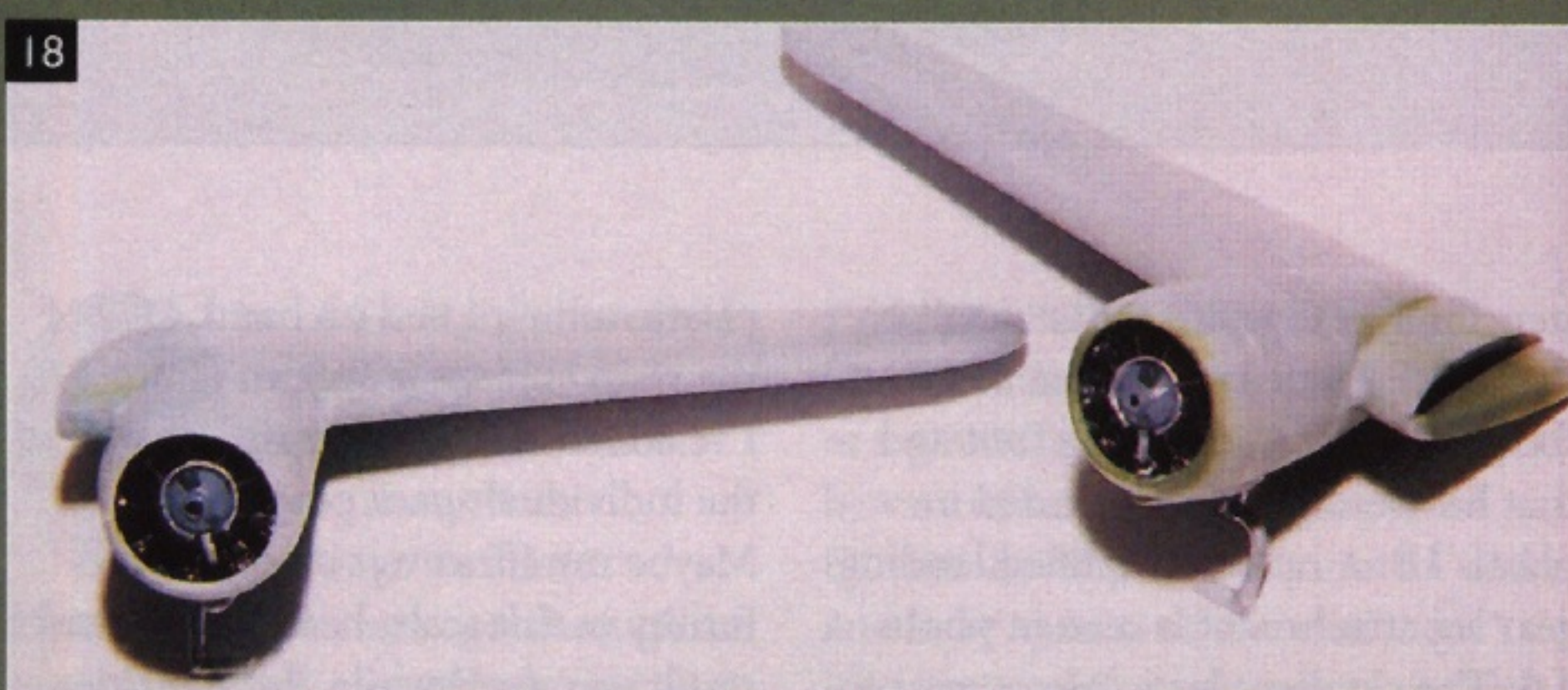
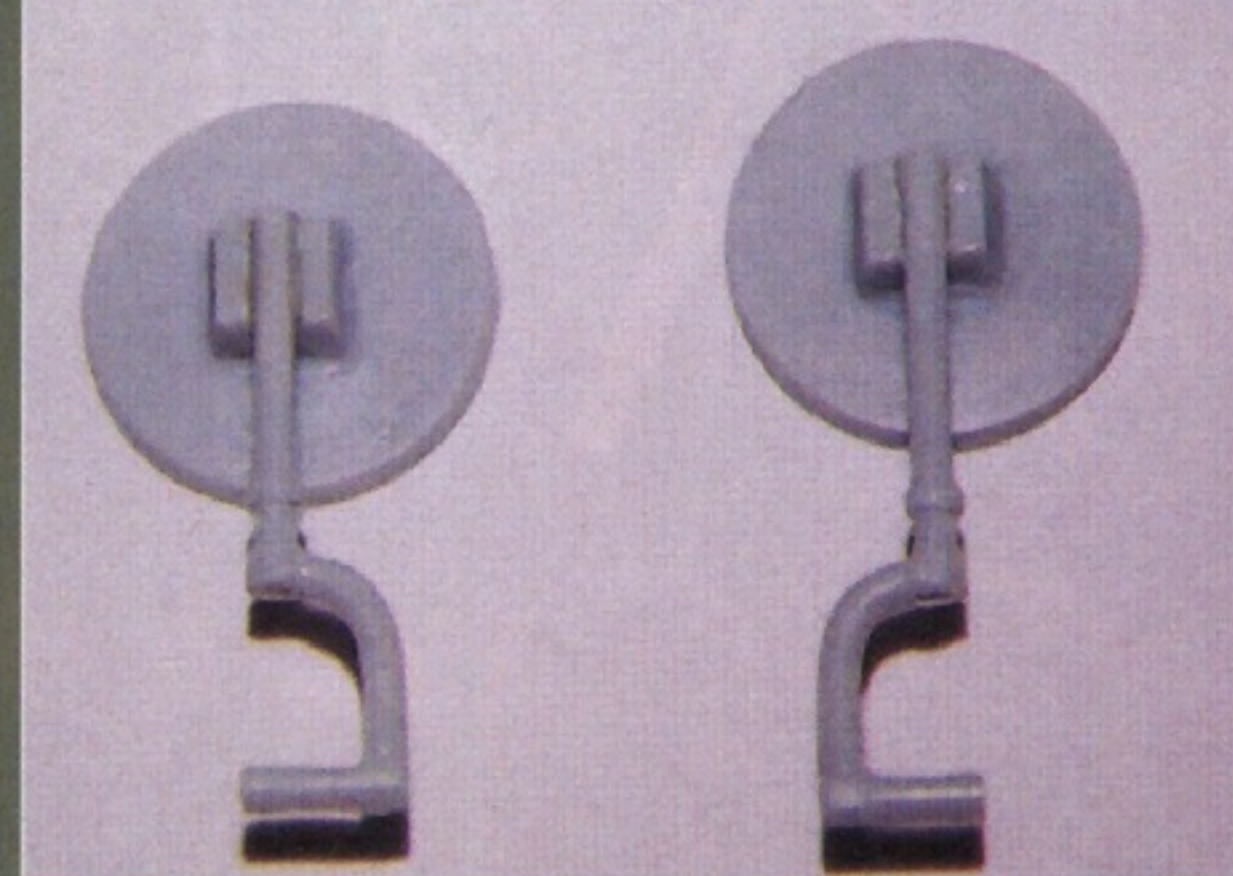
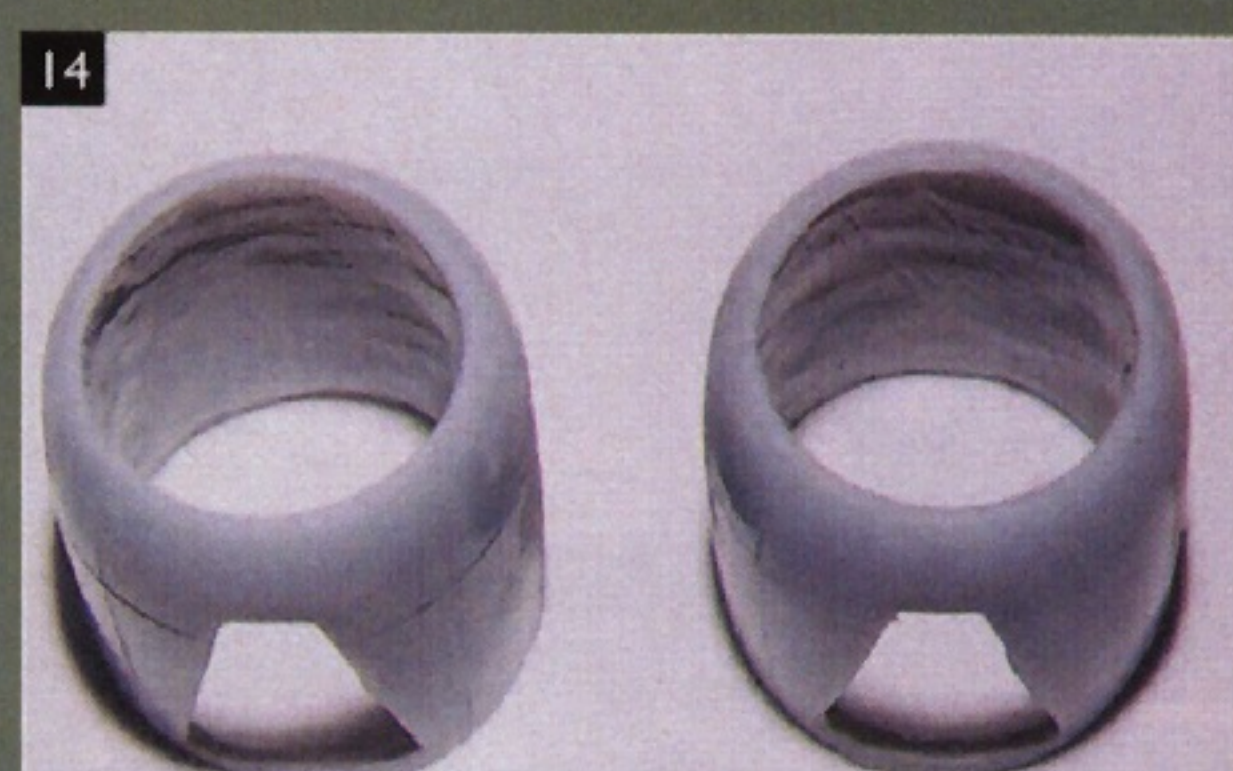
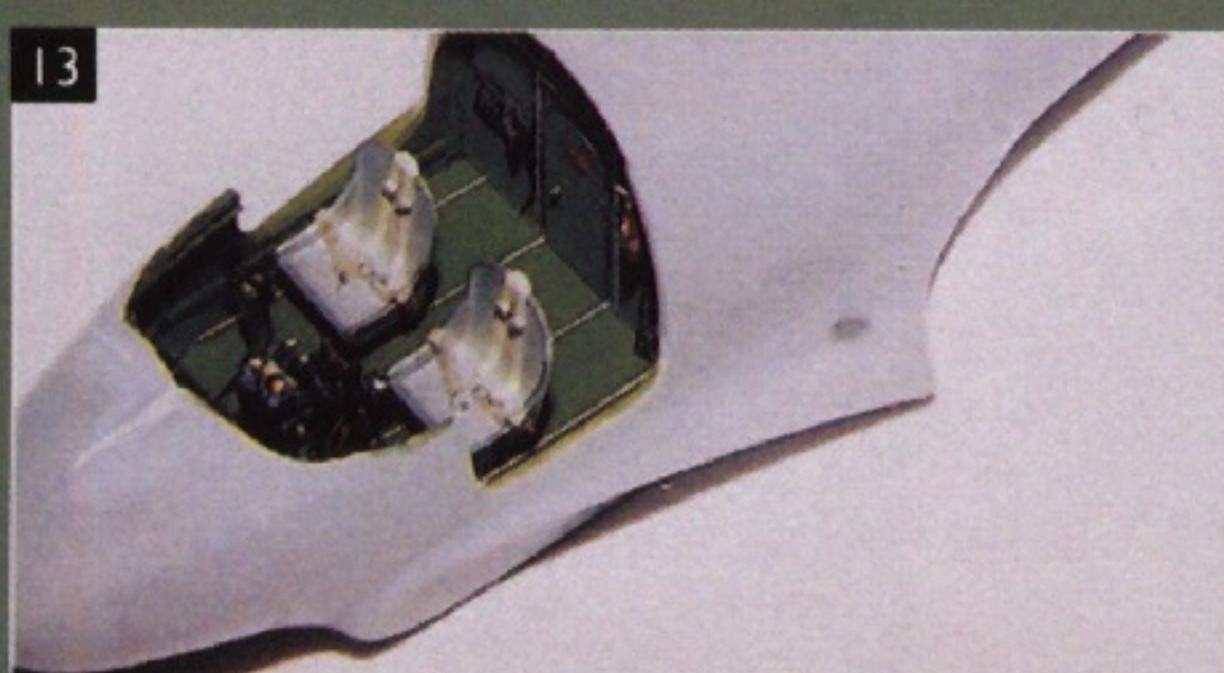
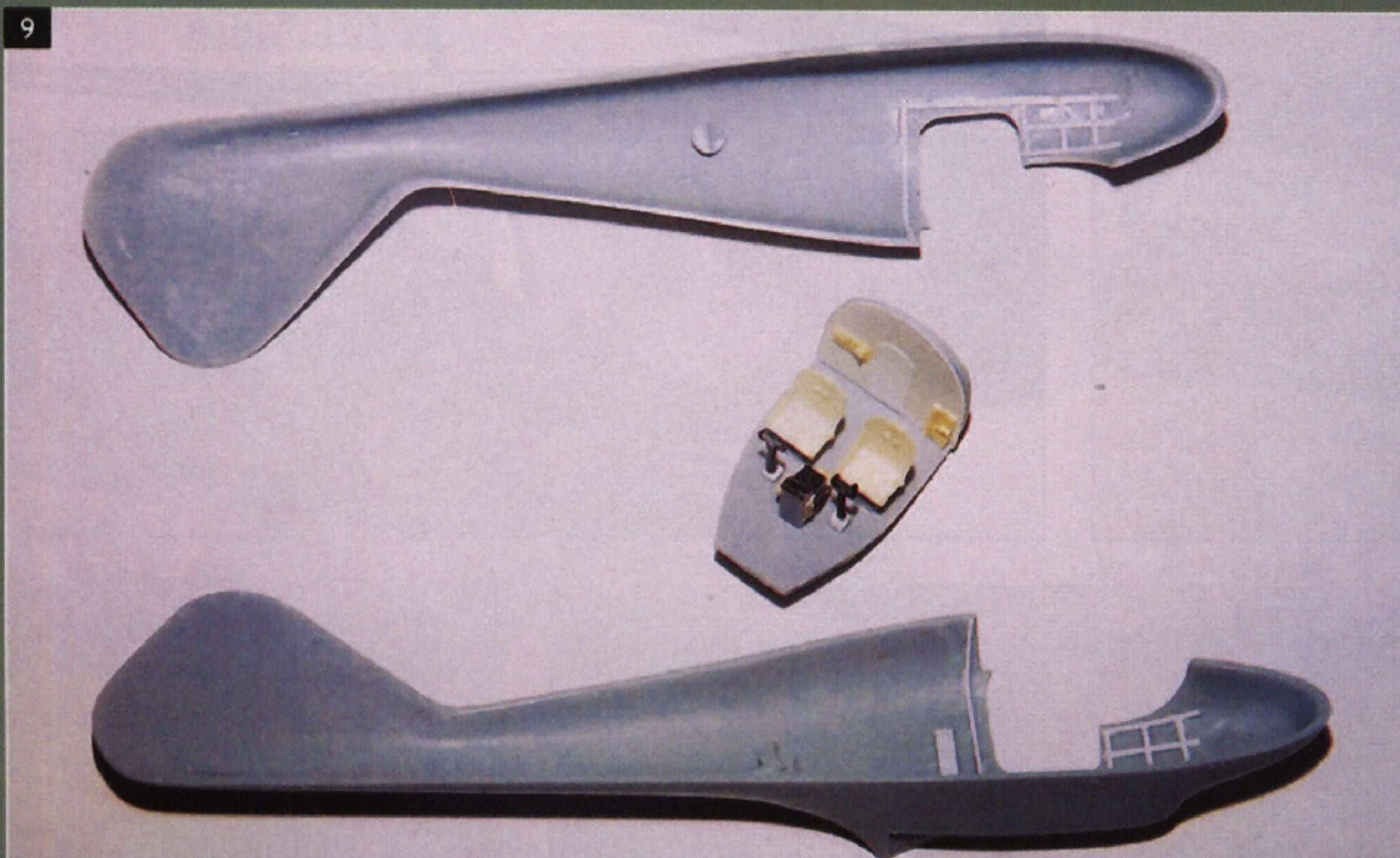
Photo **10** shows additional detail that was added to the cockpit insert. Some floor bracing was put in along with a wall-mounted fire extinguisher, throttle and mixture levers added from sprue and white glue for knobs and a couple of wires leading forward from each control column. I also used the thin rod to make a frame around the cockpit entry/exit door in the aft bulkhead. Anything to dress the sparseness of the pit. Photo **11** shows the completed cockpit mounted in the fuselage halves. A little filler was needed on the seam just forward of the cockpit, but that was minimal. Another view of the cockpit is seen in photo **12**, showing the kit-provided etched instrument panel. I used the usual method, placing individual Reheat instrument dials in the holes and I followed that with a clear coat on the individual dials. Cutting up bits of warning stencilling, I added a few pieces to the instrument panel. A little yellow/black and red/white

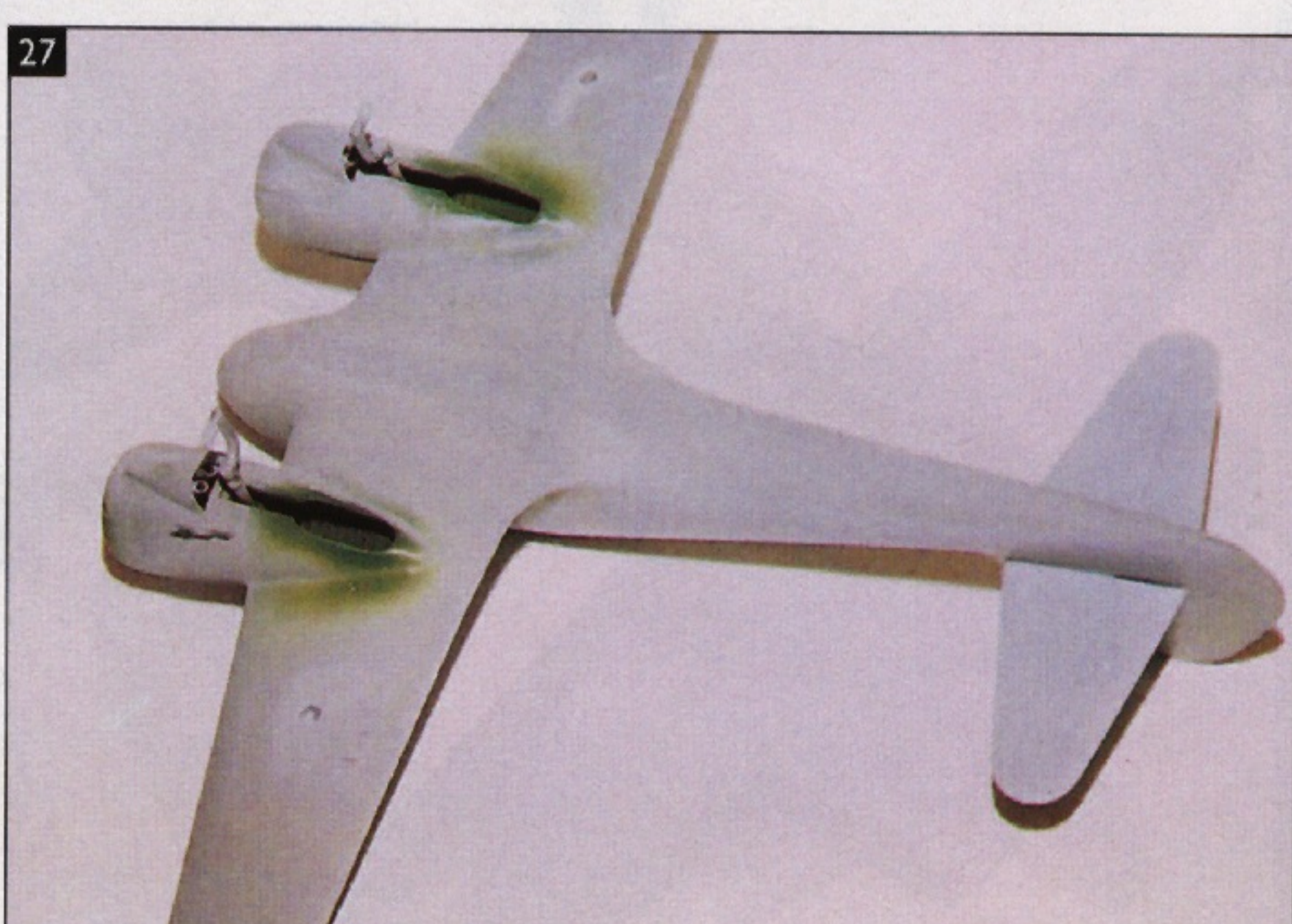
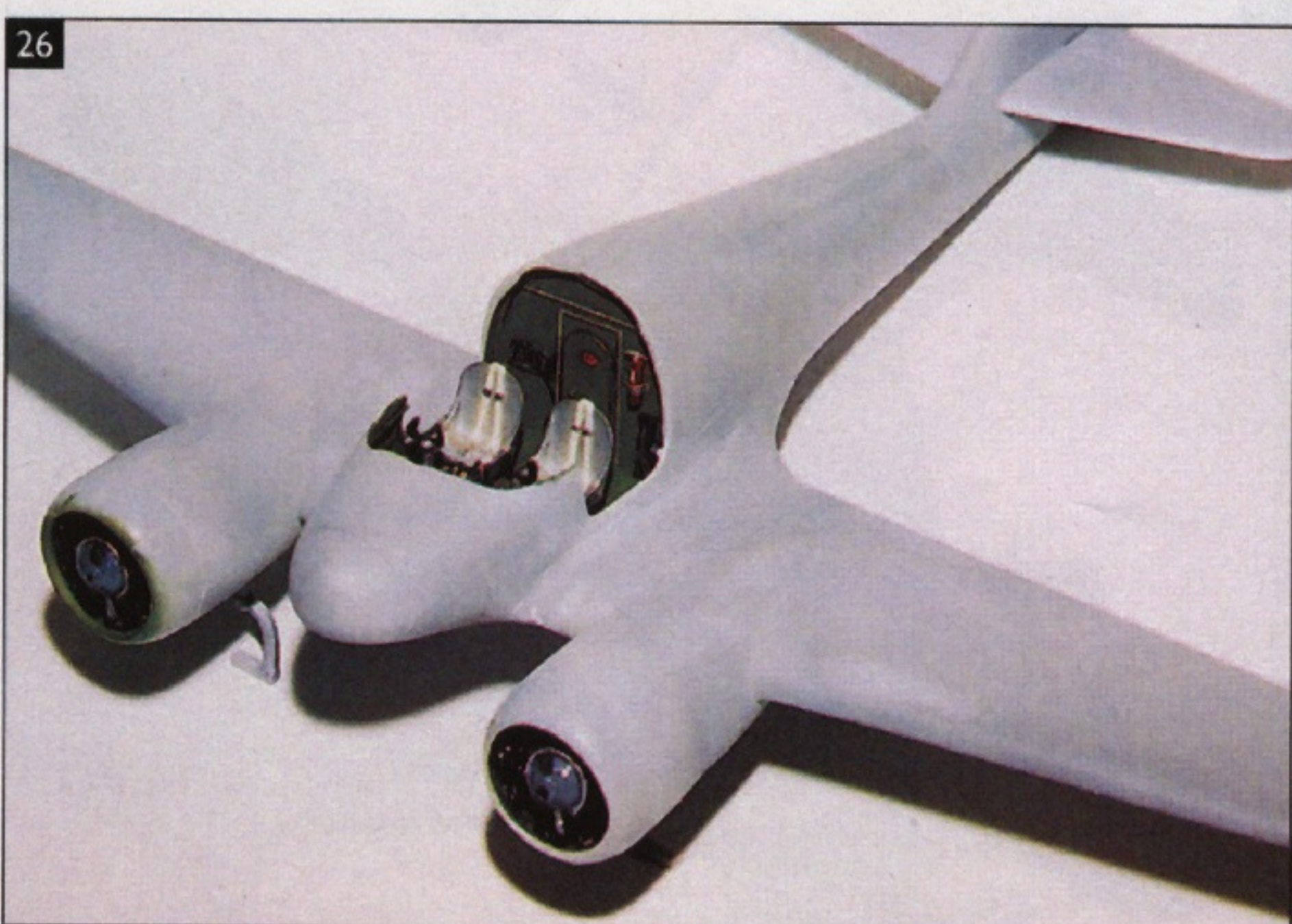
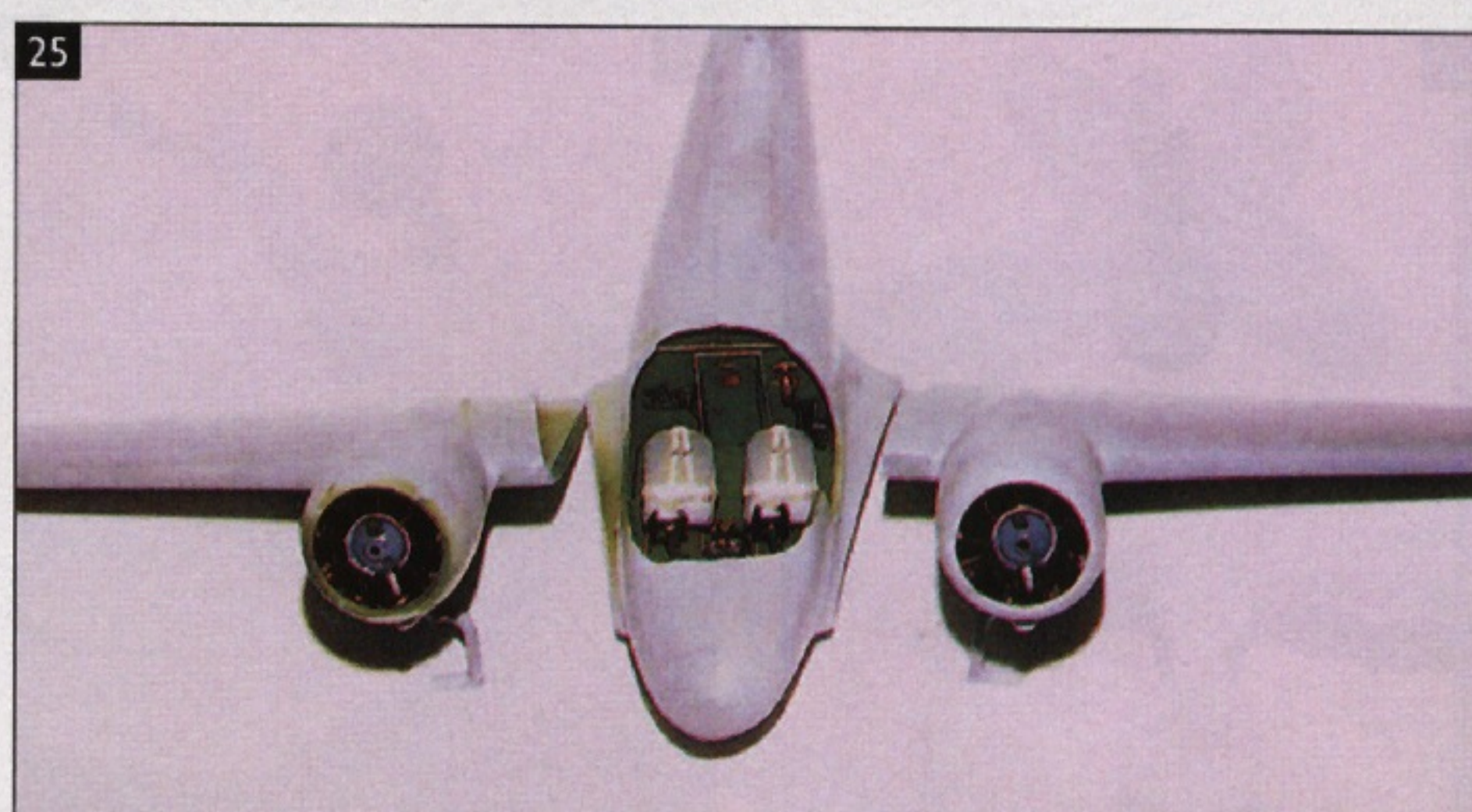
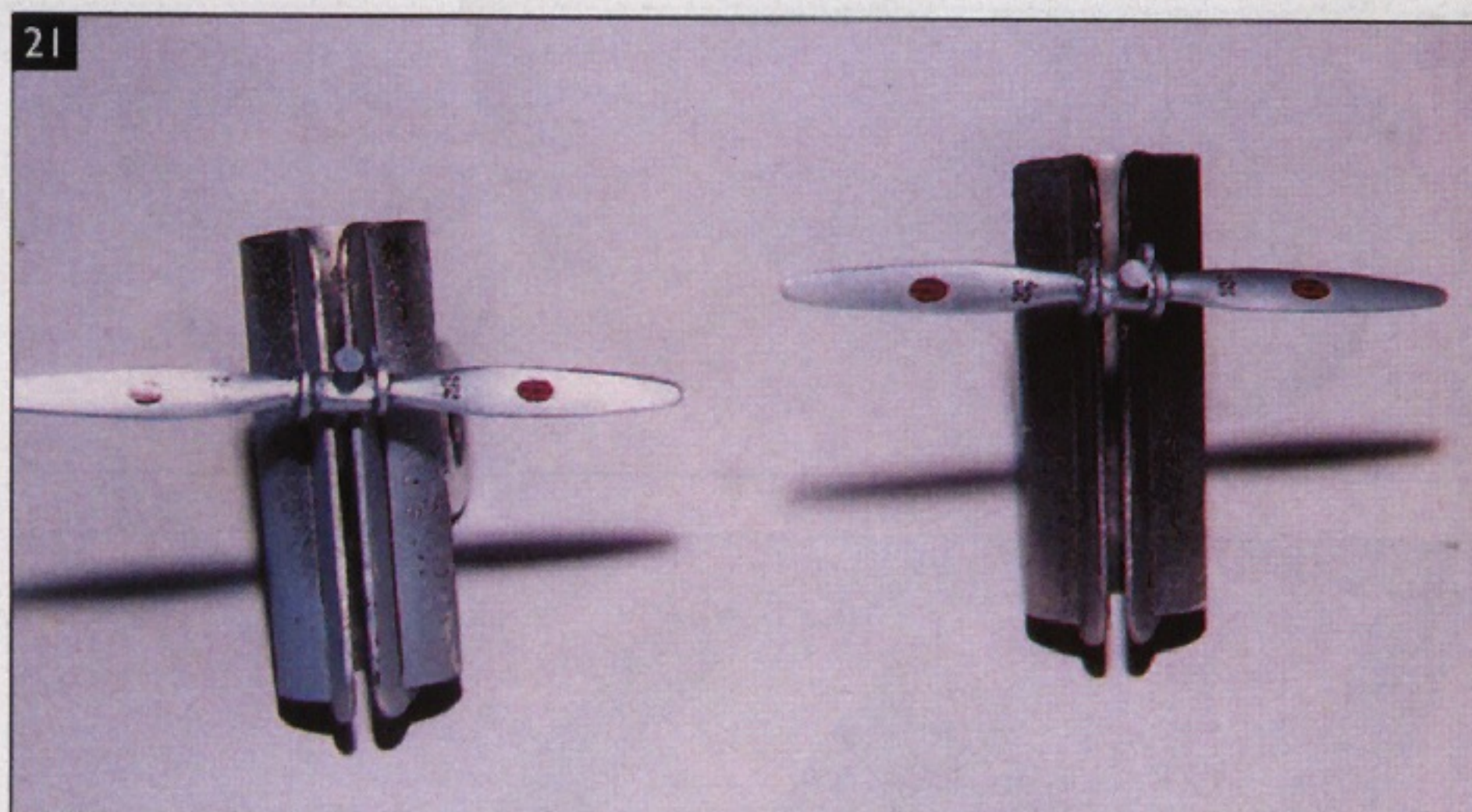
stencilling really adds to the detail of the panel. There is a small sinkhole at the port trailing edge wing root and that has been filled and sanded in photo **13**. A rather simplified landing gear leg attachment is seen in photo **14**. The circular plastic pieces were to be mounted in the aft end of the engine cowlings. The triangular holes in the bottom of the cowlings would later accept the engine intakes. No locating pins or ridges were given in the kit, so when I added the landing gear assemblies, I had to make sure everything lined up properly. Also note the grooves inside the cowlings. To accommodate the resin kit-provided engines, I had to use a Dremel tool chucked with a grinding bit to thin them out. I did sand the engines a bit but didn't want to lose the individual cylinder heads so I resorted to thinning out the cowlings.

Having installed the triangular engine intakes, two small exhaust pipes had to be added in the aft end of each cowling and they are visible in photo **15**. I made them from small

plastic tubing I had on hand. One of the resin engines is seen in photo **16**. I've added the collector ring as well as the individual spark plug wires. Maybe my effort was an exercise in futility in this scale, however, the end result was worthwhile. Both engines painted and mounted in the cowlings are shown in photo **17**. I decided to paint the spark plug wires in a dull brownish red as seen on some World War II aircraft engines. Adding the oil sump drains also helped with the detail on the engines. The wings, engines, gear and cowlings have been attached in photo **18**. I had to gently sand the insides of the cowling leading edges, as there was a slight ridge on them. The insides of the cowlings were sprayed with Testor's ModelMaster Interior Green.

Photo **19** shows the propeller bosses and mounting pins as they came in the kit and photo **20** shows how I remanufactured them. Using the resin blades as provided in the kit, I made new propeller bosses from plastic rod of the proper diameter. I





then made the forward extensions and added a slightly larger 'cap' in front. Counter-balances were made by simply slicing thin pieces of plastic rod and gluing them in place; they can be seen in the photo. The blades are butt-joined to the prop boss and await paint. In photo **21**, the completed blades along with paint and decals are shown. I airbrushed them using Floquil Bright Silver. Using 'The Detailer' black wash, I went around the various connecting pieces to give some depth to the propellers. The end result was quite pleasing.

The canopy came next; it is provided as a vac-form piece in the kit and given that I had removed the doors, I also had to remove the side windows from the piece. In photo **22**, I've masked off the framing after having masked and painted the inside overhead windows. These were tinted green to act as a heat reducer in the cockpit. I simply masked off the windows and sprayed them with Tamiya Clear Green, which was thinned with lacquer thinner. Gently

spraying them gave me just the right amount of green. One can see the green panels better in photo **23**, and in photo **24**, the spraying is complete. Pavla provides an overhead radio gear piece in the kit and after painting and installing it, I added a microphone cord from small twisted wire, painted black.

The wings are ready to be mated to the fuselage in photo **25**, and in photo **26**, the job is complete. Notice the rather simple lines of the little trainer. Photography and lighting eliminate the recessed panel lines, however they are indeed there and very much in scale. The underside of the model at that stage is shown in photo **27**. The horizontal tailpieces were a simple butt-join and using Tenax-7R, everything held quite well. I substituted a tailwheel assembly from the spares box and both it and the kit wheel are shown in photo **28**.

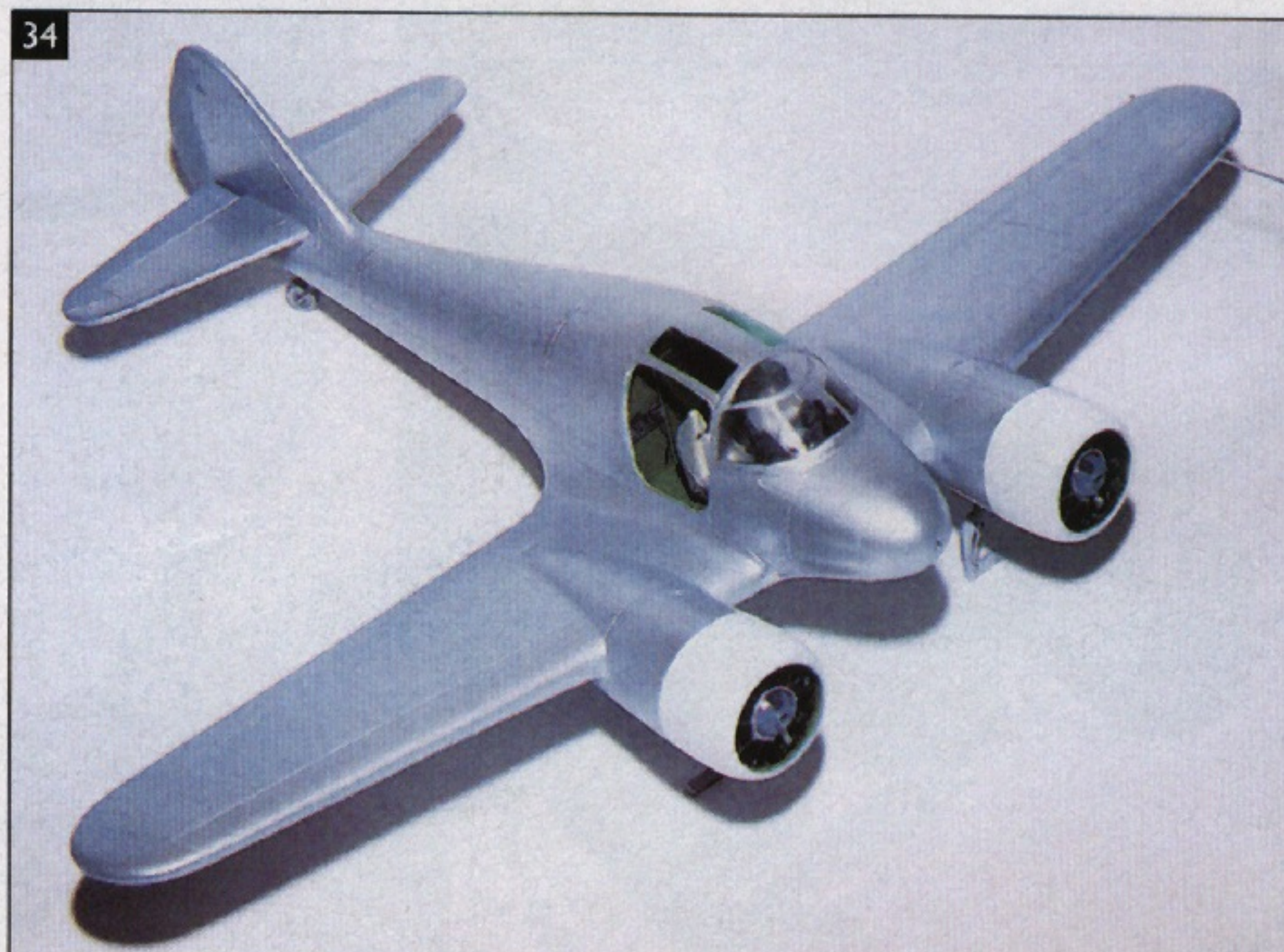
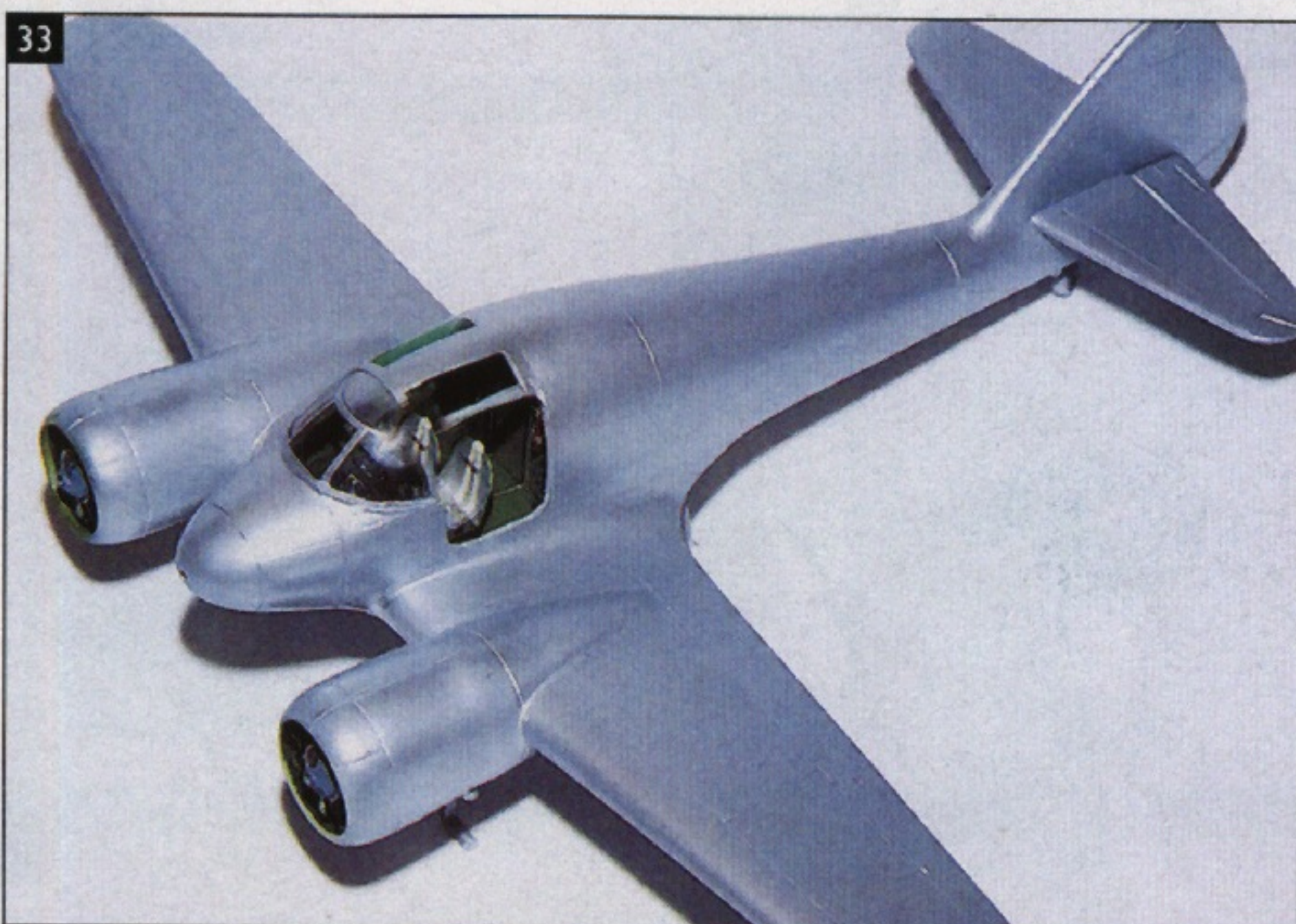
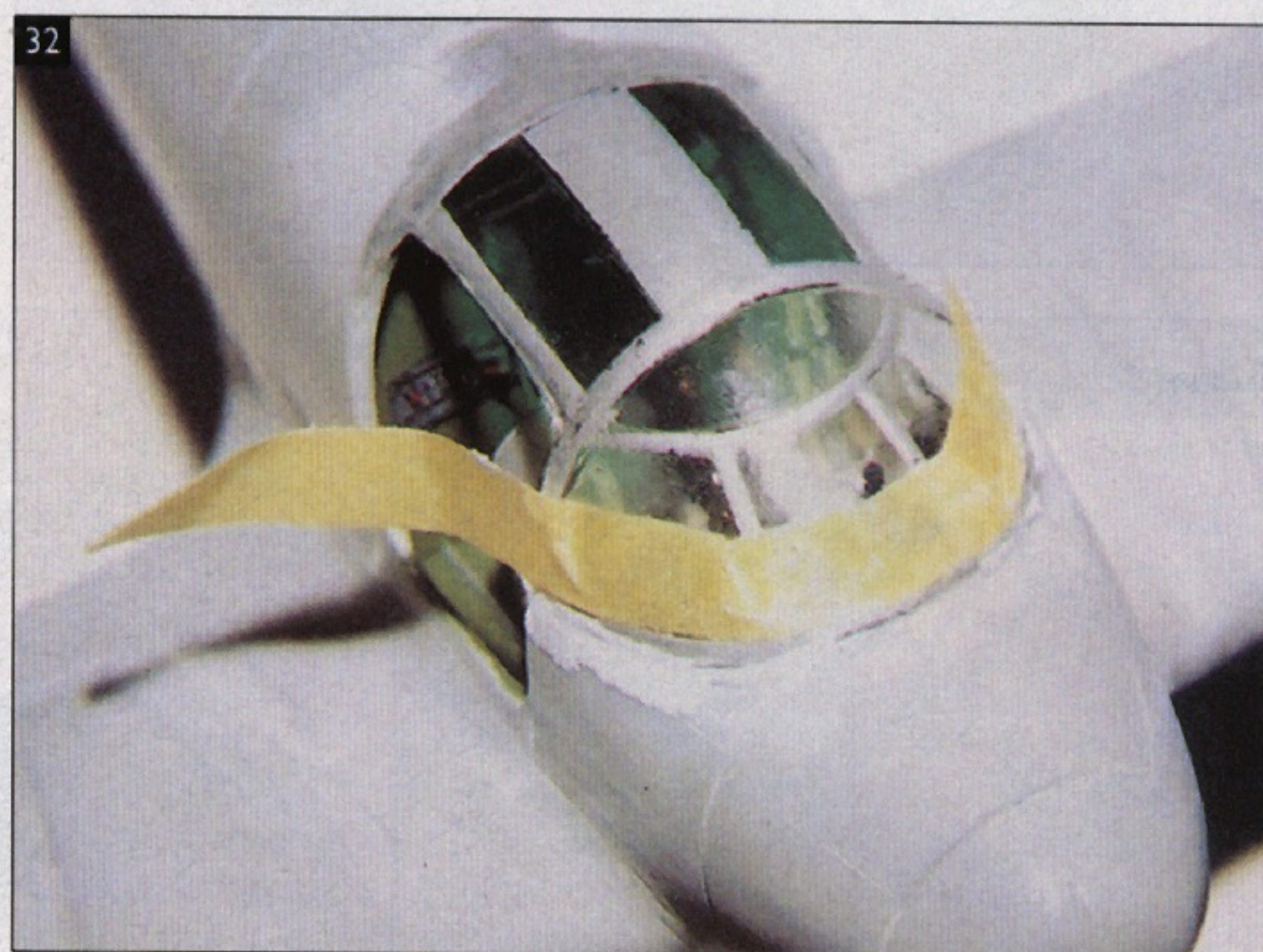
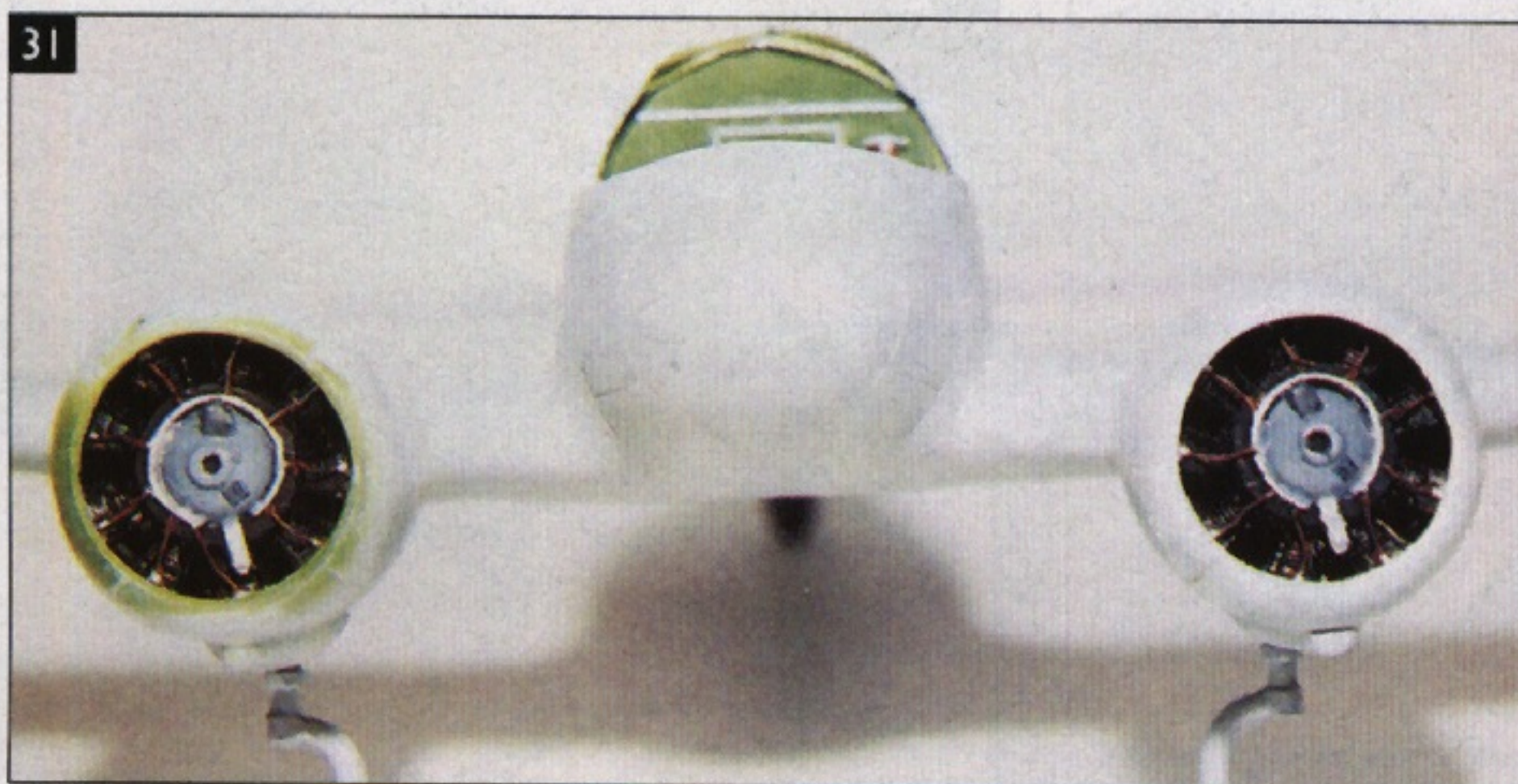
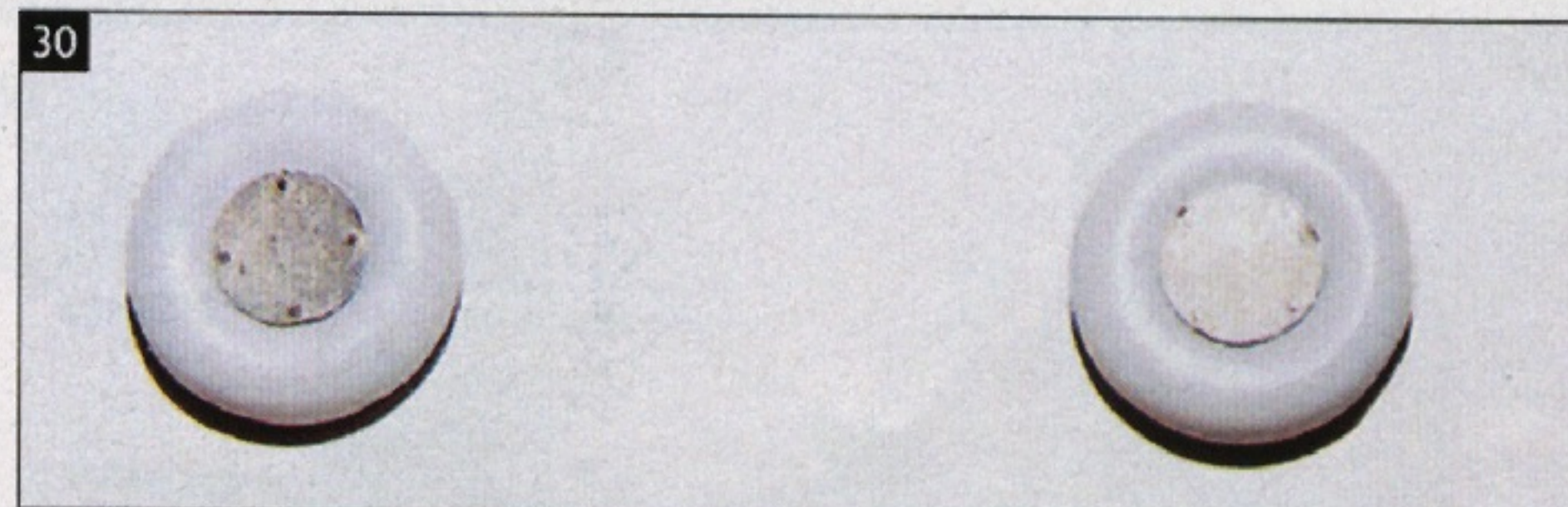
Modifying the spares box wheel assembly, I drilled a hole in the aft under fuselage and installed the part (Photo **29**). The part I chose had a

little more detail than that offered in the kit. Notice also that the wheel assembly was turned to starboard a bit. What was to become a bit of a problem is shown in photo **30**. The kit main wheels are moulded nicely and Pavla offers wheel hubs on their etched fret. Each hub had four dimples to represent attachment points. Well, I may as well 'fess up now! Having installed the hubs as per the photo, I decided to hand-paint the wheels and hubs. Big mistake! Hand painting them required two coats and the second coat got lumpy on me, thereby creating an unsightly surface. Using a kitchen product, Easy-Off Oven Cleaner, I soaked the wheels and hubs for about 15 minutes in the cleaner. That took the paint off beautifully, however when I rinsed off the wheels, one of the etched hubs went with the solution and removed paint right down the drain! Not to be outdone, I drilled four small depressions in the hubs to represent the mounting lugs and this time, sprayed the tyres. Painting the hubs with Floquil Old

Silver did the trick as no brush marks remained. A very small dot of black paint into the drilled depressions gave the illusion of the mounting bolts for the hub. I mean, we're talking 1/72nd scale here and the AT-9 was not a very big aircraft!

Just prior to mounting the canopy in place, I took a photo (**31**) from directly in front; a very simple view of a very simple front end. In photo **32**, I've glued on the canopy (white glue so as to not fog the clear windows) and am in the process of filling and sanding the windscreen-to-fuselage joint. The aft end had already been dealt with. Placing a thin strip of Tamiya masking tape around the base of the windscreen shielded that area from any potential scratches or marks. I used typewriter correction fluid to fill the seam and gently sanded everything with 400-grit wet 'n dry paper.

A quantum leap has been made in photo **33** as the entire model has been masked and sprayed with a coat of Floquil Old Silver. That colour is not too shiny nor too dull – just right!



One of the attributes of using Floquil for a natural metal finish is its durability. None of the masking tape brought up any paint when I removed it and it would not show fingerprints from frequent handling. So there it was, all ready for the additional finishing steps. Note also the pitot tube that I installed on the port outer wing. Using Mimeca tubing, I was able to superglue an appropriate length in the wing leading edge after drilling a small hole.

In photo **34** I've masked and painted the cowlings with a base coat of Testor's white enamel. The elevators and rudder have been also masked and sprayed with a coat of Floquil's Platinum Mist, yet another 'silver' colour in their range. Between the three, Bright Silver, Old Silver and Platinum Mist, a full range of 'silvers' could be attained. No two natural metal schemes I do are the same in that I'm always looking for something better. Not having had a chance to use the relatively new 'Alclad II' product, perhaps that will be used for a future

project. One of the nice things about Floquil is that there is no need to prime the model surface before adding a finish coat.

The anti-glare panel has been masked along with adjacent areas prior to spraying on Olive Drab in photo **35** and in photo **36** I've masked off the wing leading edges prior to spraying on a coat of Platinum Mist. The underside masking job is shown in photo **37**. I had previously stuffed the wheel wells with tissue to keep out overspray. Also note the small tailwheel turned to starboard. I elected to simply mask over the engine intakes, as they would be silver after the cowling colouring was completed. I did wind up with a small line at the edge of the white but a careful sanding with 3600-grit wet 'n dry paper removed it.

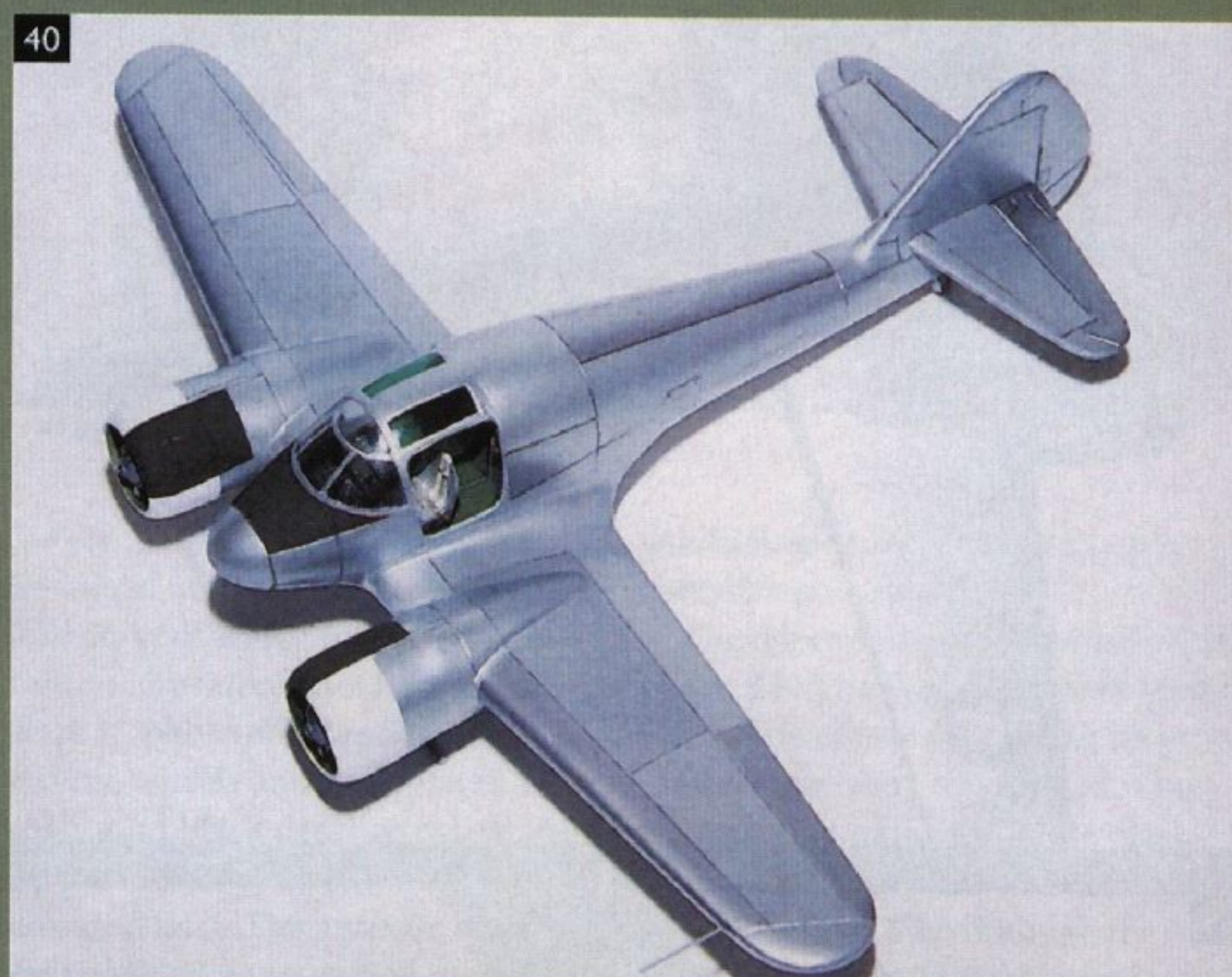
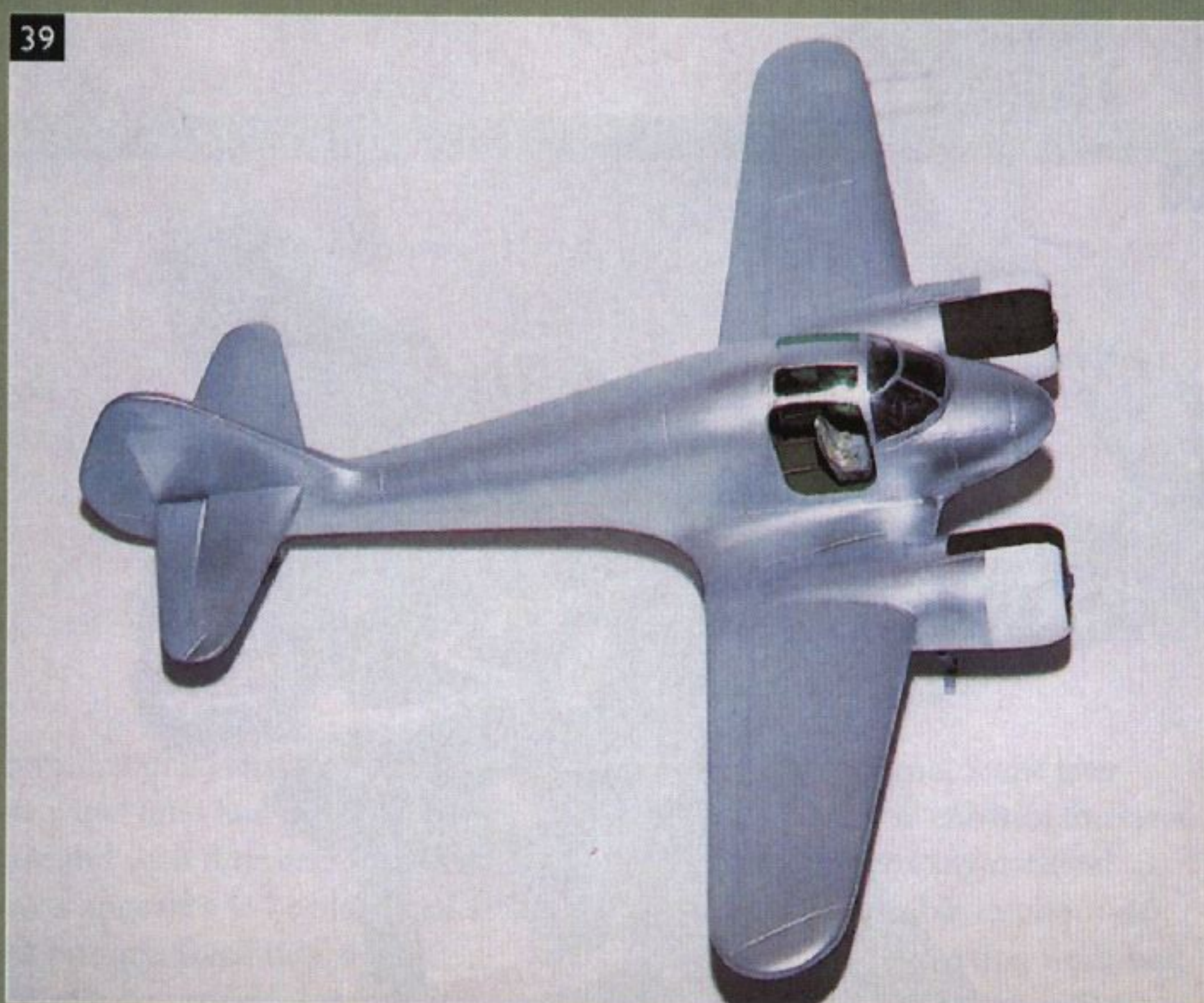
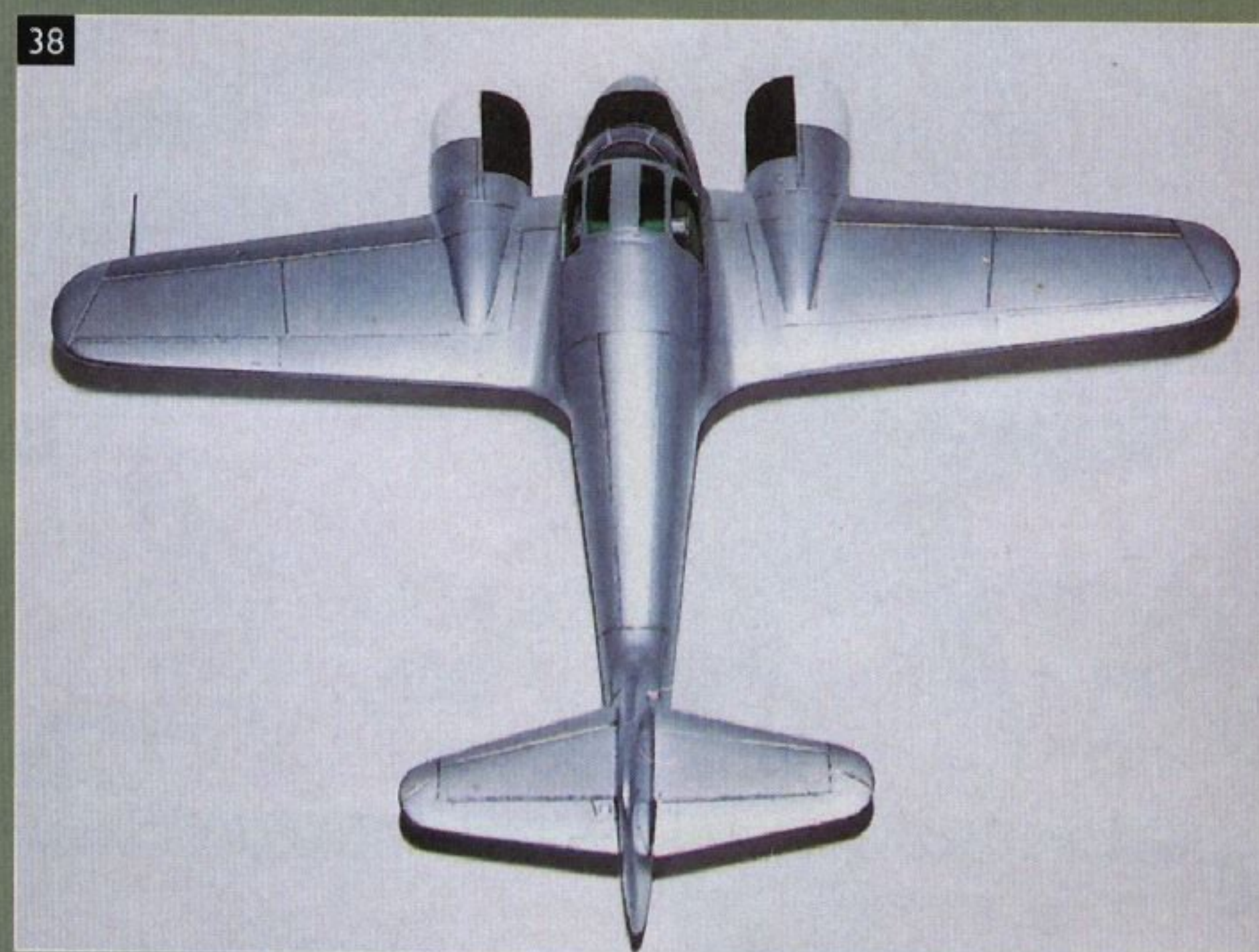
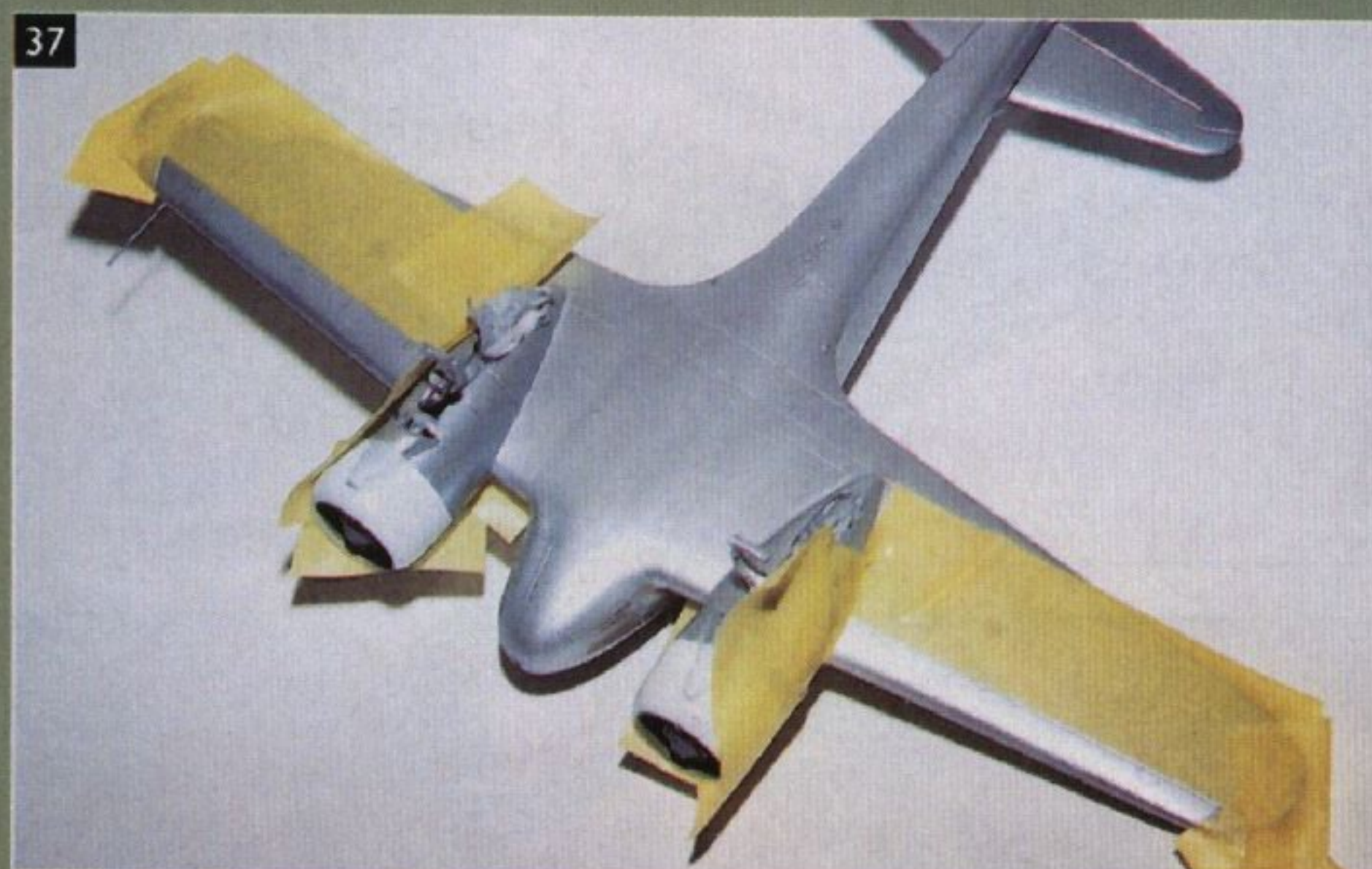
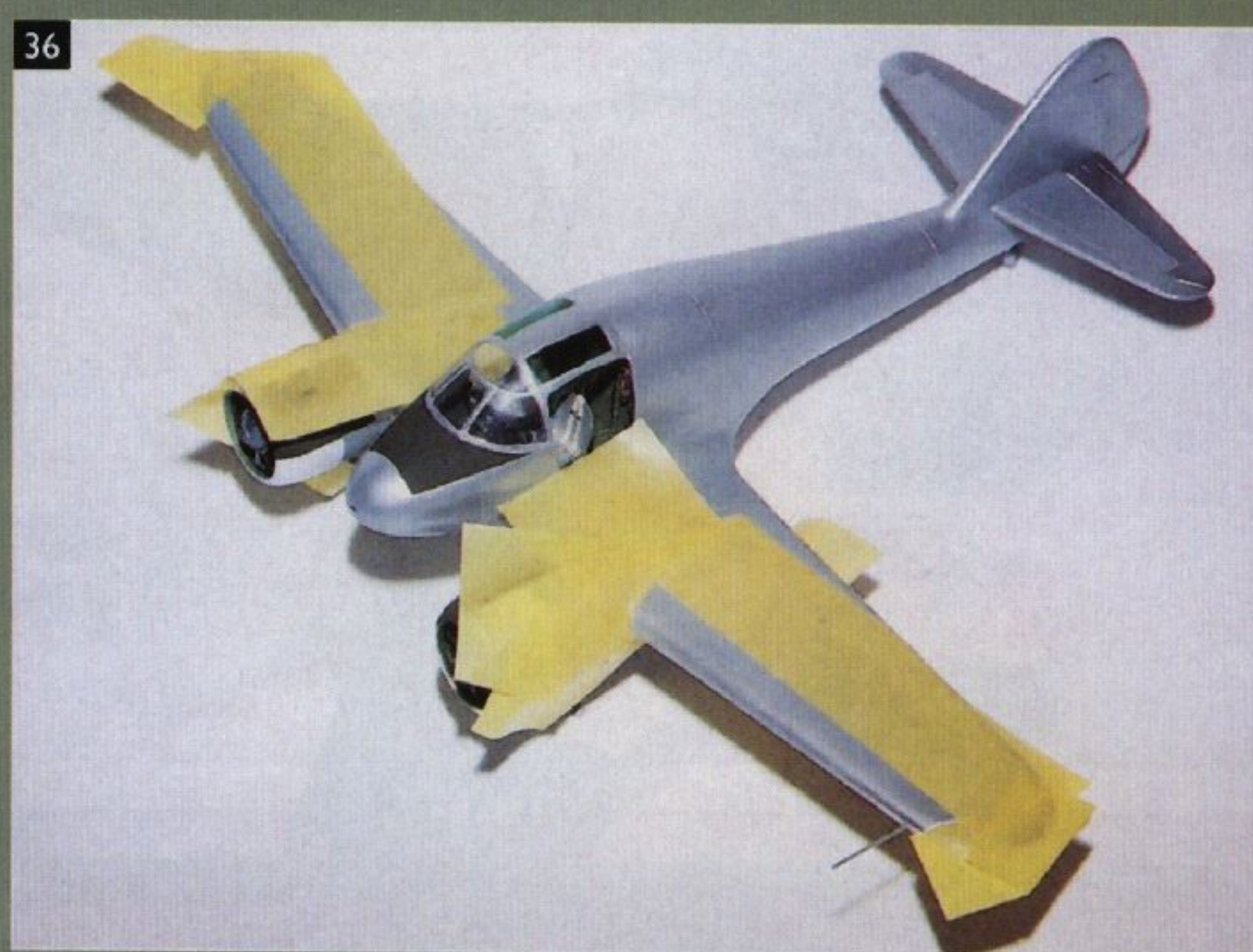
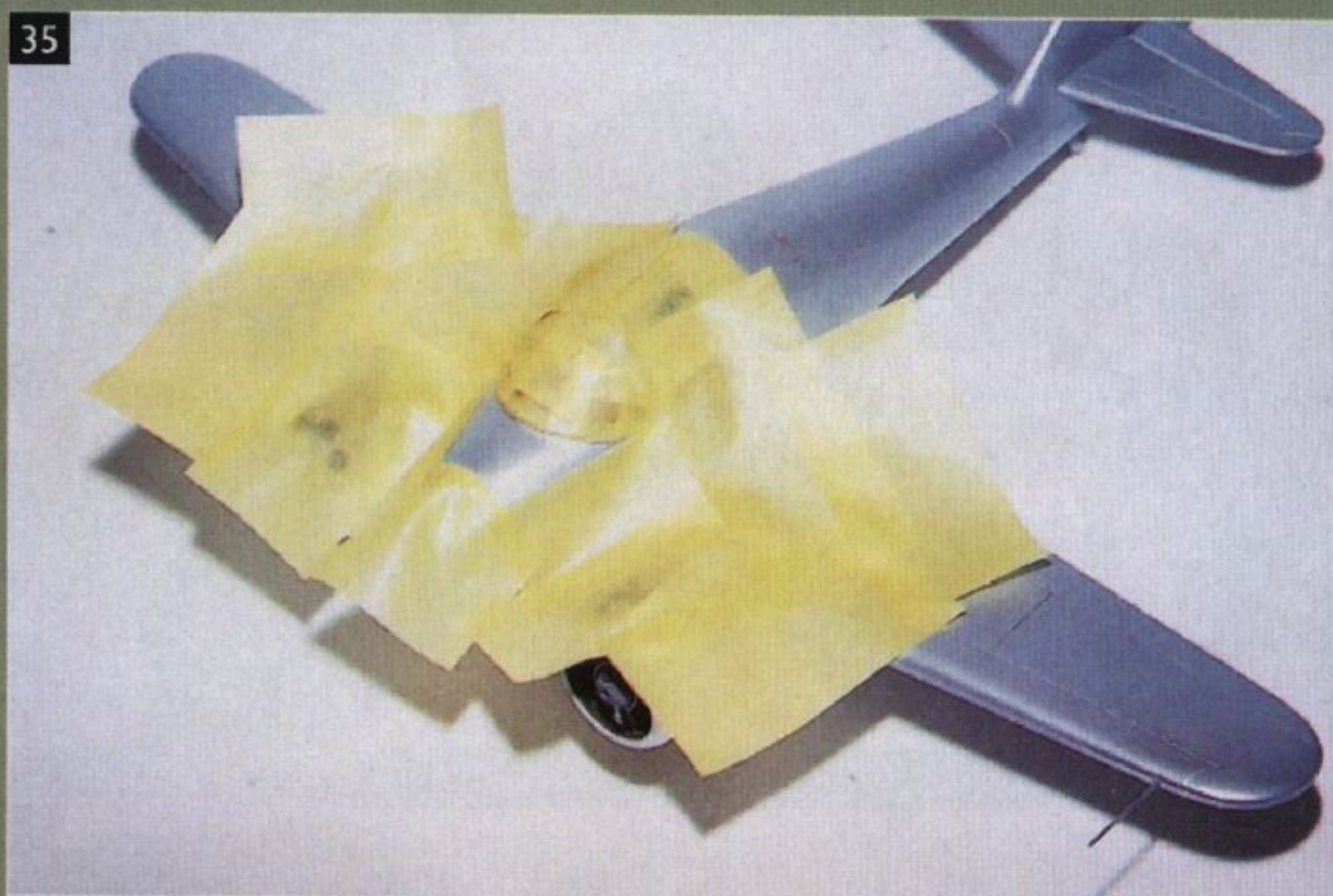
The inside quarters of the upper cowlings were also Olive Drab on the particular aircraft I was modelling and in photo **38** I've masked and sprayed them. Photo **39** is taken from

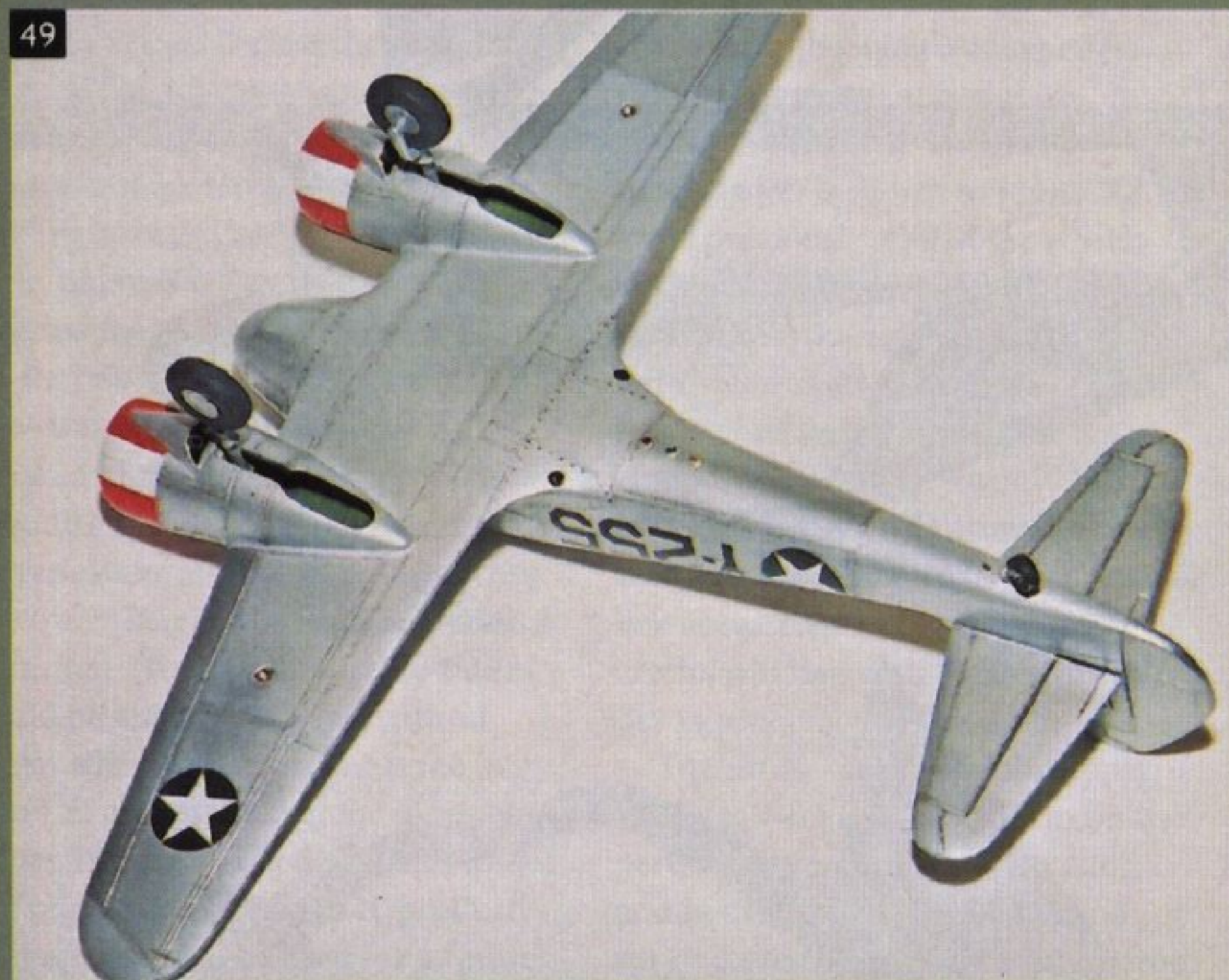
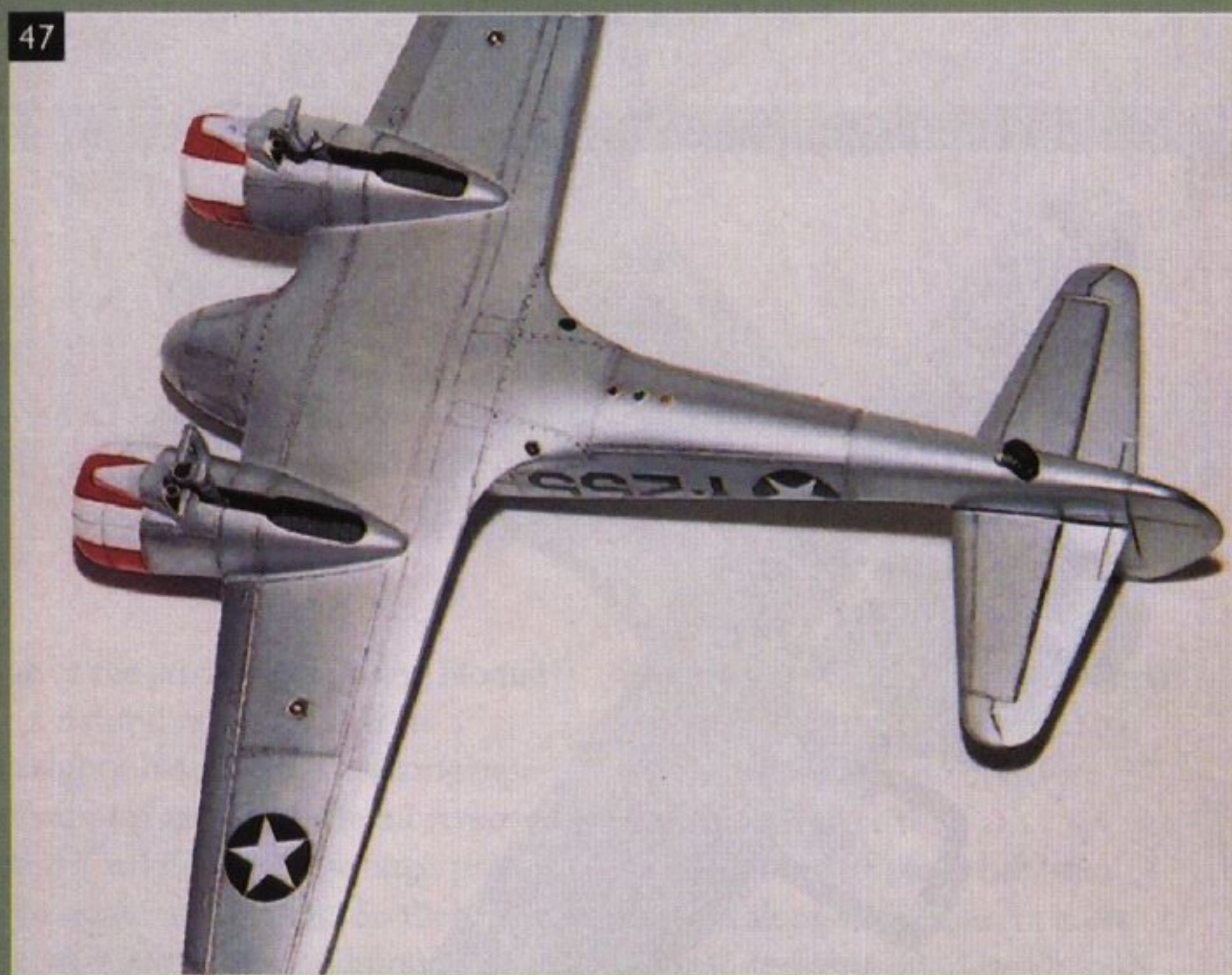
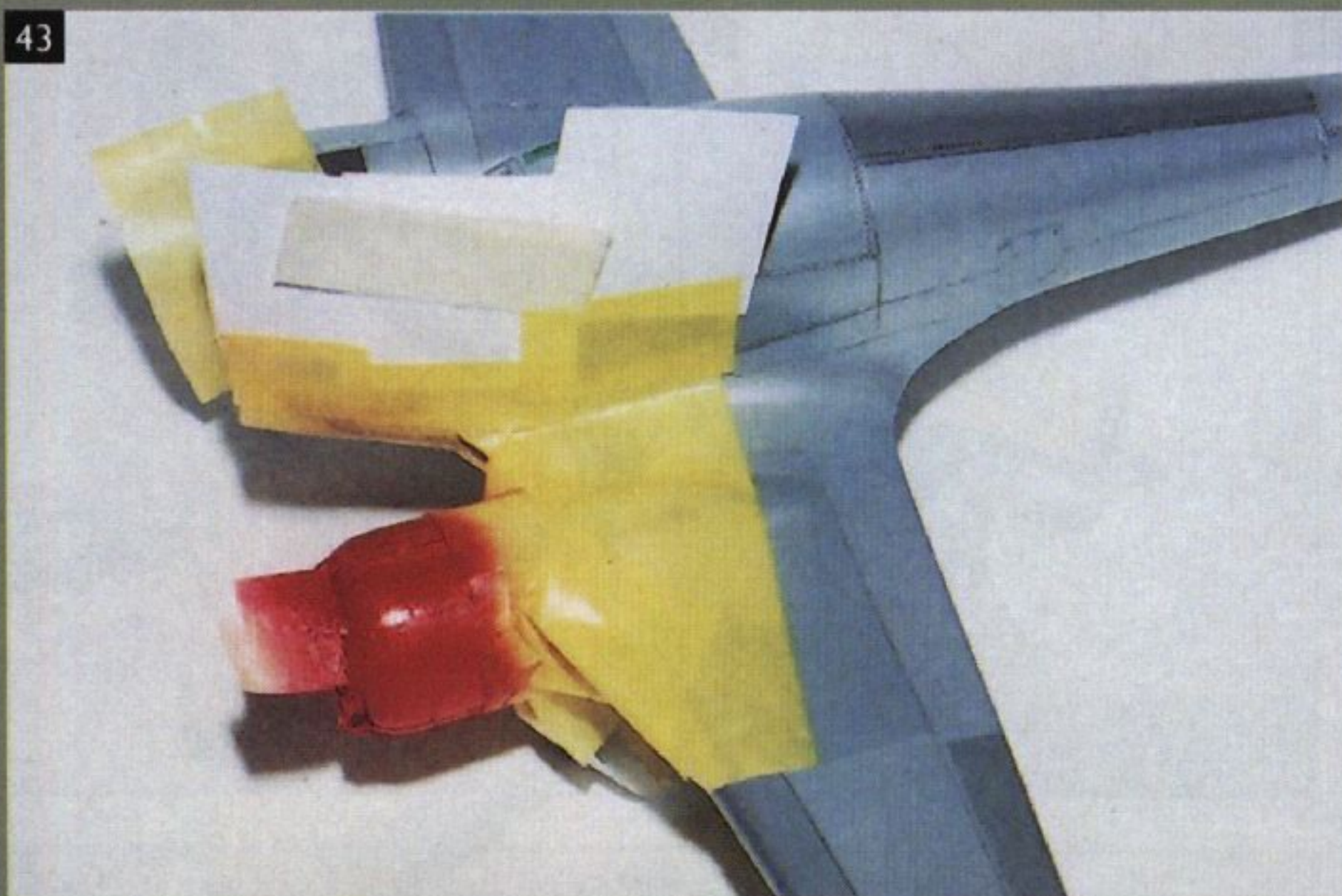
the starboard side and one can see the sheen attained by using the Old Silver colour. Compare that photo to the next one, **40**, where the wing inboard panels have been given a coat of Platinum Mist as have the ailerons and dorsal spine area on the fuselage. In addition, using my artist's 2B drawing pencil, I've gone along each recessed panel line thereby making the panel lines show up a lot better than in the previous photo.

A bottom view is given in photo **41**. One can just see the three etched recognition light housings just aft of the wing on the lower fuselage. Someone at Pavla did his or her homework and I thought it to be a nice touch. I would later fill them with the appropriate colours. As this particular AT-9 had red and white striped cowlings, the painting and masking process is visible in photo **42**. As a hedge, I elected to use typing paper as an additional mask, thereby reducing the amount of masking tape that would come into contact with the finish. To get the proper separation in

striping. I cut a piece of masking tape in a thin strip and ran it from one edge of the Olive Drab anti-glare panel, around the entire cowling to the other edge of the Olive Drab; carefully slicing it exactly on the demarcation lines, I then removed the tape strip, measured its length and divided by seven, the number of both red and white stripes. That measurement came out to be 7/32nds of an inch, so individual strips of tape were measured exactly that wide, put down, burnished, sprayed and the red stripes were completed.

Photo **43** shows the red immediately after the spraying process. Once the tape was removed, I could see that everything came out fine as is evidenced in photo **44**. At that point, an idea hit me square between the eyes. Looking at the box art, I noticed the artist had taken time to draw in tiny rivets on either side of each panel line over the entire aircraft. Thinking back to my early days as a line boy at a local airport, I remembered the BT-13 that was flying







from that grass strip at the time. All the panel lines had rivets on either side and with time and wear, the rivets appeared to be black, much like the box art. Some time ago, MicroScale produced an A-7D Corsair sheet in 1/72nd scale. At the bottom of the sheet were four or so lines of rivet decals. Two strips were composed of tiny little circles, which represented dzus fasteners, and the remainder was just tiny black dots to represent rivets. I had used some of them in an earlier project and having had the foresight to get hold of several of those sheets, I reasoned that I just might have enough to do all the panel lines on the AT-9.

Call me crazy if you will, but once I decided to begin the extra work, there was no turning back and the end result was entirely worth the effort. In photo 45 I've begun the work and the small dzus fasteners can be seen as a line of dots at the wing root fairing. Perhaps less noticeable are the small lines of rivets heading toward the wingtip on the rear-most panel line

forward of the aileron. Some later close-up photos will enhance the view.

The port upper wing national insignia decal is visible in photo 46. By this time all the riveting work had been completed. Yes, it was tedious and each strip as applied was only about an inch long to allow for final adjustment, but the overall effect is quite in scale. Even though I ran the 2B pencil point into each panel line, the rivets on each side further enhanced the overall view. I've completed the underside riveting in photo 47, have removed the tissue from the wheel wells, added the Tamiya Clear Red/Green/Yellow to the recognition light depressions, added the under wing recessed landing lights using the trusty MV Model Railroad lenses, painted the tailwheel and continued on with the final decal process.

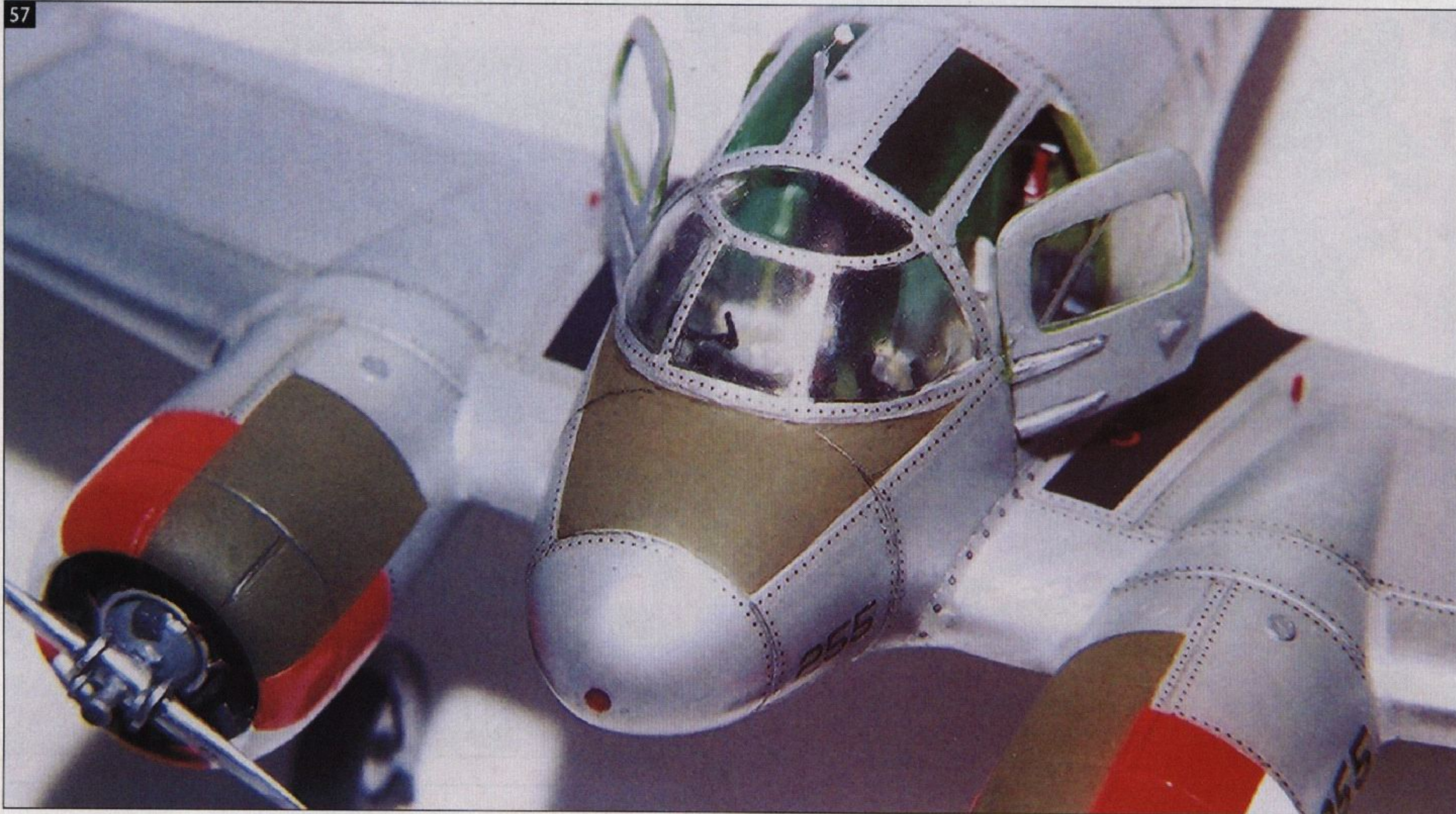
In photo 48 everything is complete sans doors, propellers, wheels and antenna mast and wire. I've added the wing walks from ScaleMaster black striping decals.

The red/white cowls really set off the model at that stage. Cowling, nose and tail serial numbers came from various decal stock I keep on hand. In photo 49 I've added the re-done wheels and have placed two small solid black decal circles where the cockpit entry steps would be mounted later. The antenna mast was provided as an etched metal part, however, it looked to be too thin so I made another from a little thicker plastic sheeting, (Photo 50). If one looks carefully, one can see the very thin antenna wire stretched between the mast and upper fin of the model. Good old Dai-Riki ultra thin fishing line to the rescue once again. Although somewhat of a shallow view, the intakes under the cowlings have been painted in at this point. I also flattened the mains a bit and getting them precisely where they should be proved to be a trying experience in that I wanted everything to line up and yet have the flattened area exactly on the surface. As luck

would have it, after two attempts, everything worked!

The doors and propellers are on in photo 51. The Paul Matt three-view plans showed two small hoist rings on the inner wing top surfaces. One is just visible outboard of the black wingwalk. A rear-view was taken to produce photo 52. Although the Floquil Platinum Mist-coloured panels look significantly darker in the photo, they, in reality, do not appear in such contrast. The photography and lighting gremlins again! Note the etched boarding step at the base of the fuselage/wing starboard side. Although quite fragile, a tiny spot of superglue safely secured them in place.

The port side is visible in photo 53. Small wing-tip navigation lights were added using the Premiere Plus #PP001 Navigation Light set. The set contains clear, red and blue/green plastic lights that are suitable for both 1/72nd and 1/48th scale models. What I really like about the product is the blue/green tint of the



starboard light. That is as it should be. Most real navigation lights had that blue/green tint to them and these proved to be spot on. Photo **54** is a port view of the finished model. Also note the small diagonal silver strip in the cabin window. On the prototype, that forward slanted section folded inward so I represented that with a thin silver ScaleMaster decal stripe.

The finished underside view is offered in photo **55**. Note that the intakes/exhaust pipe fairings have been painted silver. The close-up in photo **56** reveals the rivets a bit better. The four small holes drilled in the wheel hub are seen after having been touched with a very small dot of black paint. The port wing hoist ring can also be seen. I purchased those in the model railroad section of a hobby shop some time ago. A few diameters are available in the packet and as they came attached to a stem, just drilling a hole and gluing them in proved to be a simple process. I painted them red as can be seen.

The red passing and recognition light in the nose is visible in photo **57**. I had originally intended to use a small red MV lens, however during the fury of the build process, it decided to take up residence elsewhere, never to be found! So, drilling a small depression with the pin vice, I simply filled it with Tamiya Clear Red and when dry, coated it with clear. The small circular shapes on the rear cowls are oil filler caps. I added them using sheet plastic and a Waldron Punch and Die set. Just visible below the port entry door is a red decal circle, which I added to represent the fuel filler cap. Amazing what those Matt plans revealed! In addition, the rivet decals are quite visible on the windscreen frames. The white dot just behind the antenna mast is an insulator I added using white glue. The other white dot behind the insulator is a clear white light, which also came from the Premiere Plus light set.

Photo **58** is a close-up overhead shot of the cabin and engine nacelles. Notice the green overhead tinted windows reflecting on the cockpit seats below – just like the prototype! A good view of the rivets, hoisting hook and fuel filler cap is offered in photo **59**. I added two small diameter rods behind the seats to act as braces, reasoning that the seats would not be just placed on plinths in the real aircraft. I added two small black circles to the propeller bosses. Two of them were also added to the front of the intakes to appear as intake holes. Oleo scissors were made from scrap plastic and added to the gear legs. Even though this kit is in 1/72nd scale, adding all those little details greatly enhanced the overall appearance of the model.

The rivet panel line effect appears as panel lines on the finish. Comparing this photo to the close-up photos shows the effect I was looking for. Interestingly, when I told a good friend of mine that I was applying the tiny rivet decals to each panel line, he

subsequently began referring to me as 'The Rivet Fairy!' I had no idea such nomenclature would ever be applied to me!

Overall, I was quite pleased with the outcome of this build project. I understand that CollectAire has released a 1/48th kit of the same aircraft, however the journey in plastic in 1/72nd scale was enough for this modeller. I'd easily recommend this kit to anyone wishing to have a representation of the AT-9 in his or her collection. Rather obvious is the 1940's look of the overall design. Certainly not sleek by today's supersonic standards, the AT-9 played a very important role during World War II.

I would like to thank Pavla for releasing the kit. I would never have thought the modelling world would someday see a kit of this important little training aircraft. In some regards, it certainly was a 'Fledgling'

Good modelling to you!

Frank T. Cuden

**JAGER
MINIATURES**

NEW 1/48 MULTIMEDIA KITS

AEG GIVK GROUND ATTACK BOMBER
LIMITED EDITION OF JUST 170 £75.50
FREE POSTAGE WORLDWIDE

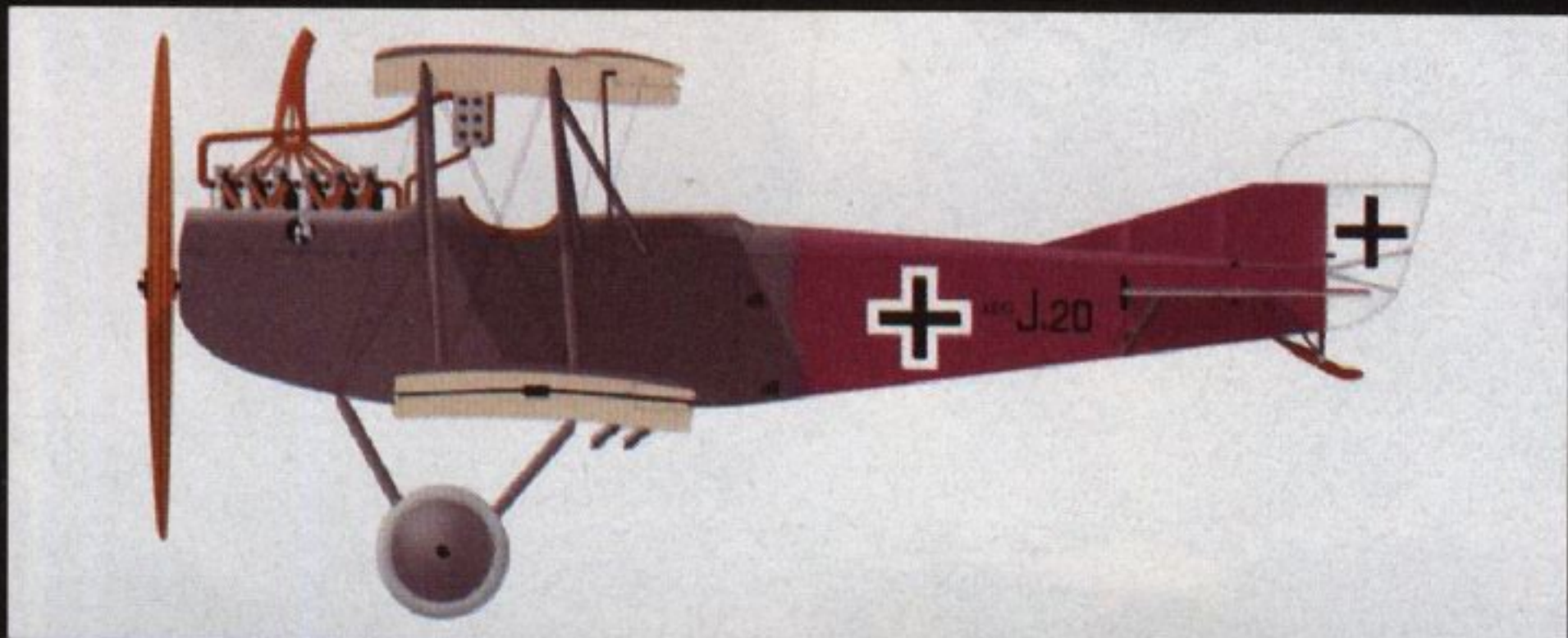
Length 20cm, span 37.5cm!



AEG GIVK kit includes: resin fuselage in kit form, 2x parabellums, 2x becker cannons, w/m parts brass Strutz, plastic wing sections from Hi-Tech, detailed cockpit, spare ammo, super detailed engines, armoured fairings, scale drawings and decals for GIV K 501/18

GROUND ATTACK AIRCRAFT £47.50 + P&P

Includes: scale drawings by M. Dimier And colour profiles by Bob Pearson



Check the website out for pics or SAE to:

6/5 THE QUADRANGLE, 59 RUCHILL STREET, GLASGOW,
G20 9PX SCOTLAND • TEL/FAX: (+0044) 0141 5762397 • www.jager.co.uk

Postage and packing rates: UK £1.10 per kit, EUROPE: £2.10 per kit ELSEWHERE: £3 per kit



Send SAE for full list or check out the website - includes pictures of the entire range
All payments to Jager Miniatures in sterling or add £7.50 to cover bank charges if sending
foreign currency. We now take payments by Visa, Mastercard and Switch.



GREAT MODELS WEBSTORE

"The Source for All your Modelling Needs"
Over 900 Manufacturers available, 60,000 products and
more than 30,000 pictures at the click of your mouse!

Our best selling lines kept in stock are:

| | | |
|----------------------------|---------------------|-------------------------|
| Academy | Eagle Publications | Pend Oreille Model Kits |
| Aeromaster Decals & Paints | Eagle Strike Decals | Revell/Monogram |
| AFV Club | Eduard | Revell/Germany |
| Accurate Miniatures | Engine & Things | Royal Models |
| AJ Press | EZ Mask | Ryton Publications |
| Aires | Friulmodel | SAM Publications |
| Aztec/Badger | Gunze Sangyo | Shanghai Dragon |
| Black Box | Hasegawa | Squadron/Signal |
| Classic Airframes | Heimdal | SuperScale |
| Classic Publications | Hobby Fan | Tamiya |
| Concord | Italeri | Testors |
| Publications | JJ Fedorowicz | Trumpeter |
| Cutting Edge | Kalmbach | Verlinden |
| Modelworks | Koster Aero | Williams Bros |
| DML/Dragon | Enterprises | WarbidTech |
| Dremel | Minicraft | Wing/Steel Master |
| DTU Publications | Osprey Publications | Xacto |

Ask for our 35,000 product paper

CATALOG (Just \$5.00)

Shipping Rates: We have shipped to over 80 countries in 2002!

UPS - \$6.25 UPS Ground, USA only. UPS expedited at 50% savings available to foreign countries.

FREE UPS shipping for orders over \$200.00 in Continental US.

Postal Service - At cost plus \$2.00 S/H fee, plus insurance. Customs fees are the customer's responsibility. \$6.25 credit for orders over \$200.00.

Phone Hours: 9:30AM to 5:30PM MST Mon-Fri

Secure and Easy Internet Ordering:

<http://www.GreatModels.com>

E-mail: Sales@GreatModels.com

Utah Residents add 6.35% Sales Tax



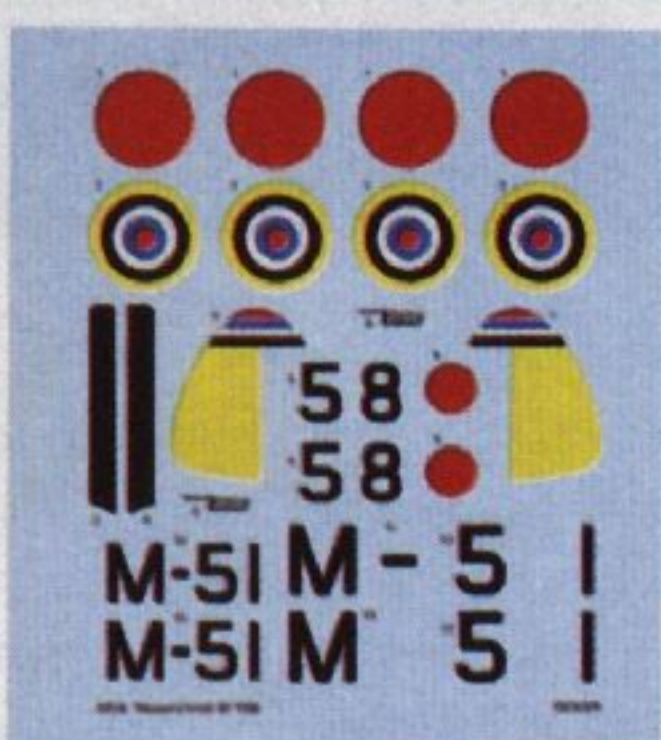
or Money Orders. No COD.

7700 South Redwood Road • West Jordan • UT84084 USA

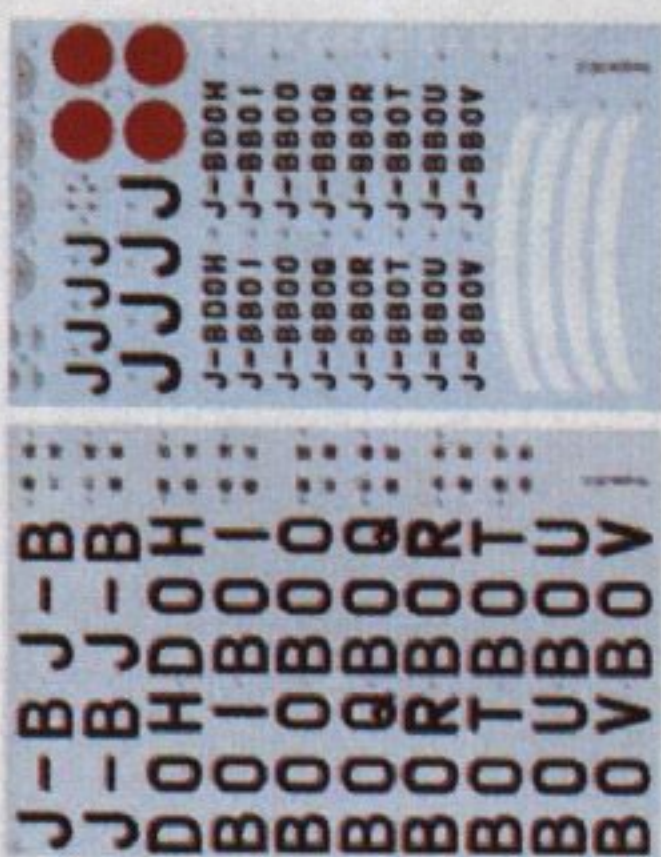
<http://www.GreatModels.com>

Phone: 001 801-565-0823 Fax: 001 801-565-0836

UNIQUE With Limited Edition Decals



1/48 Messerschmitt Bf-108B TAIFUN, Manchurian Airlines version. Based on EDUARD Kit (Profipack) €27.00



1/72 Douglas DC-2, Dai-Nippon Airlines (old JAL) version. Based on MPM Kit €34.00

Prices include postage (paid) Please Order with IMO or Postal Money Order (Sorry, no Credit Card)

BEAVER CORPORATION

8-5 Matsushima 4-chome
Edogawa-ku, Tokyo 132-0031, Japan.
Fax: 81-3-3655-3115

KIT KRAZY

303 The Broadway,
Bexleyheath, Kent
DA6 8DT
Tel/Fax: (020) 8298 7177

NEW EXTENSION JUST OPENED
MON/TUES/THURS/FRI/SAT 9.30 - 5.30 CLOSED WEDNESDAY

**PLASTIC & METAL KIT RETAILERS
HOBBY & PASTIME MATERIALS**

October 18th
**OPEN
DAY**

Buy 2 Kits, Get 1 Free!
Food/beverages

www.kitkrazy.com
FULL KIT LIST, 1,000'S OF DELETED KITS

Sweet Cat

by Phil Ware

www.sampublications.com



The FM-2 Wildcat was the culmination of the Grumman designed F4F Wildcat created to turn the tide of the carrier air war in the Pacific. By the time the last one rolled off the production line in May 1945 a total of 4,437 had been delivered, making it the most numerous Wildcat variant to see service.

The type featured a smaller but more powerful air-cooled radial engine which lead to small design alterations to the nose and tail of the aircraft. Further changes were made to weapons load, oil cooling as well as general lightening of the airframe. The Wildcat served in all theatres of operations, from the outbreak of Japanese-American hostilities in 1941 until the defeat of the Axis powers in August 1945.

The kit

Sweet have produced an absolute gem of a kit, in each small, cartoon covered box there are two kits, along

with decals to complete both aircraft in various guises. The two kits are moulded in blue and grey plastic respectively with clear styrene canopies supplied for both.

Starting out

Start by removing the rudder, trim tabs, ailerons, elevators, access hatches, and inner wing (wing fold to body) from the grey kit by paring back the plastic carefully until reaching the respective panel lines; the radio bay access panel was first drilled with a small drill inside the panel lines in order to pop out a small disk of plastic so this process can start. After this is completed turn to the blue kit, and working in reverse, pare back the surrounding plastic to leave a blue rudder, ailerons, elevators, access hatch and outer wings (wing fold to wingtip). When complete the modeller should be left with the following: grey fuselage halves, grey upper and lower inner wing sections, grey engine parts, grey prop, undercarriage,

wheels (main and tail), chocks, and grey trim tabs. From the blue kit you will have the rudder, ailerons, elevators and outer wing halves.

The canopy requires the use of both kit items as you need to cut each in such a way that you can sand each item back to give you a separate front glazing and sliding canopy. The sliding section of the canopy requires thinning so it can be placed on the spine of the aircraft, to display the open detailed cockpit. This can be done by filing the inside of the canopy with a small oval Swiss file and then by wrapping various grades of micromesh around the file to bring back the transparent nature of the glazing. All that is left to do to complete the glazing is to hand paint it with a 00000 brush (as can be seen from the photographs a difficult task).

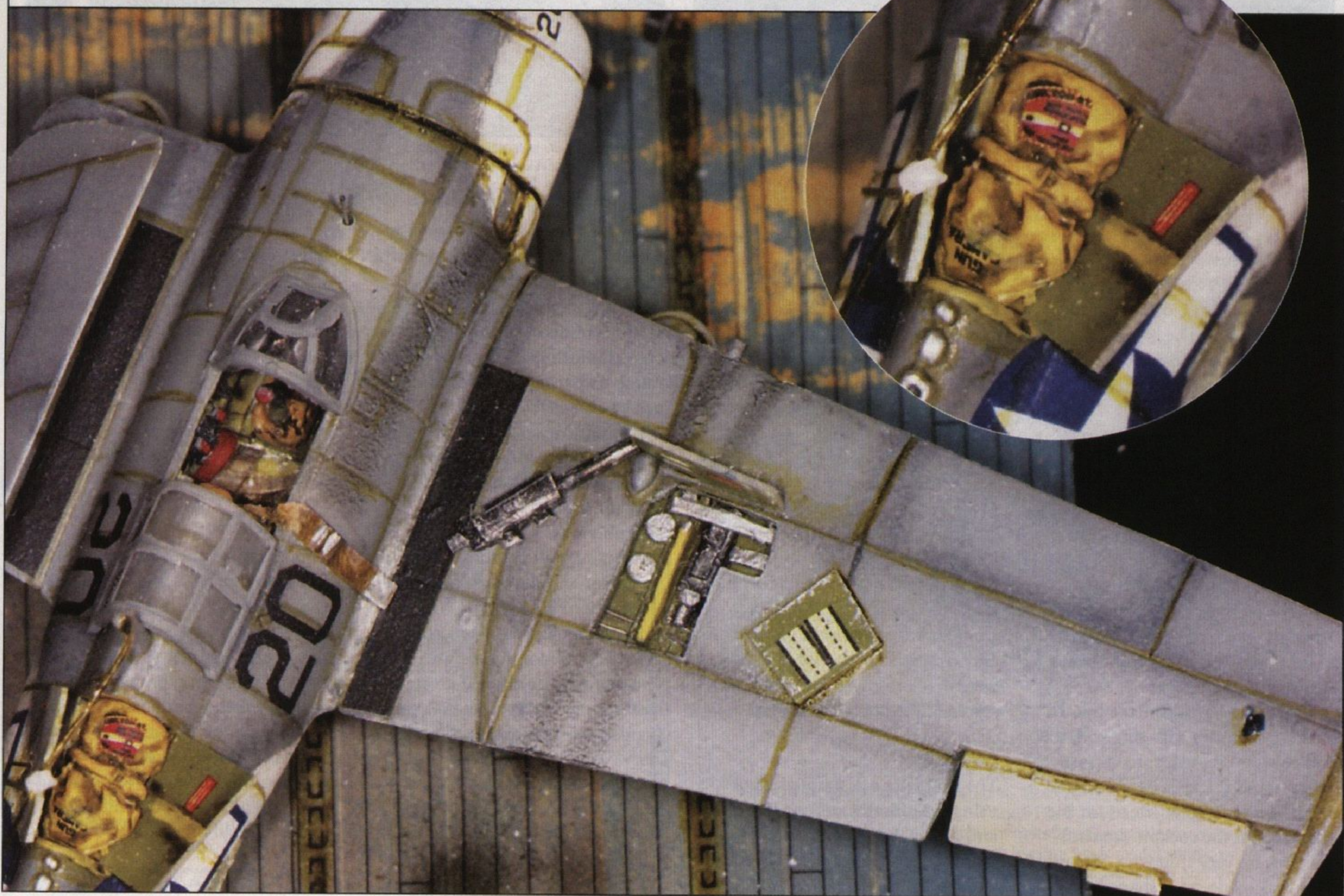
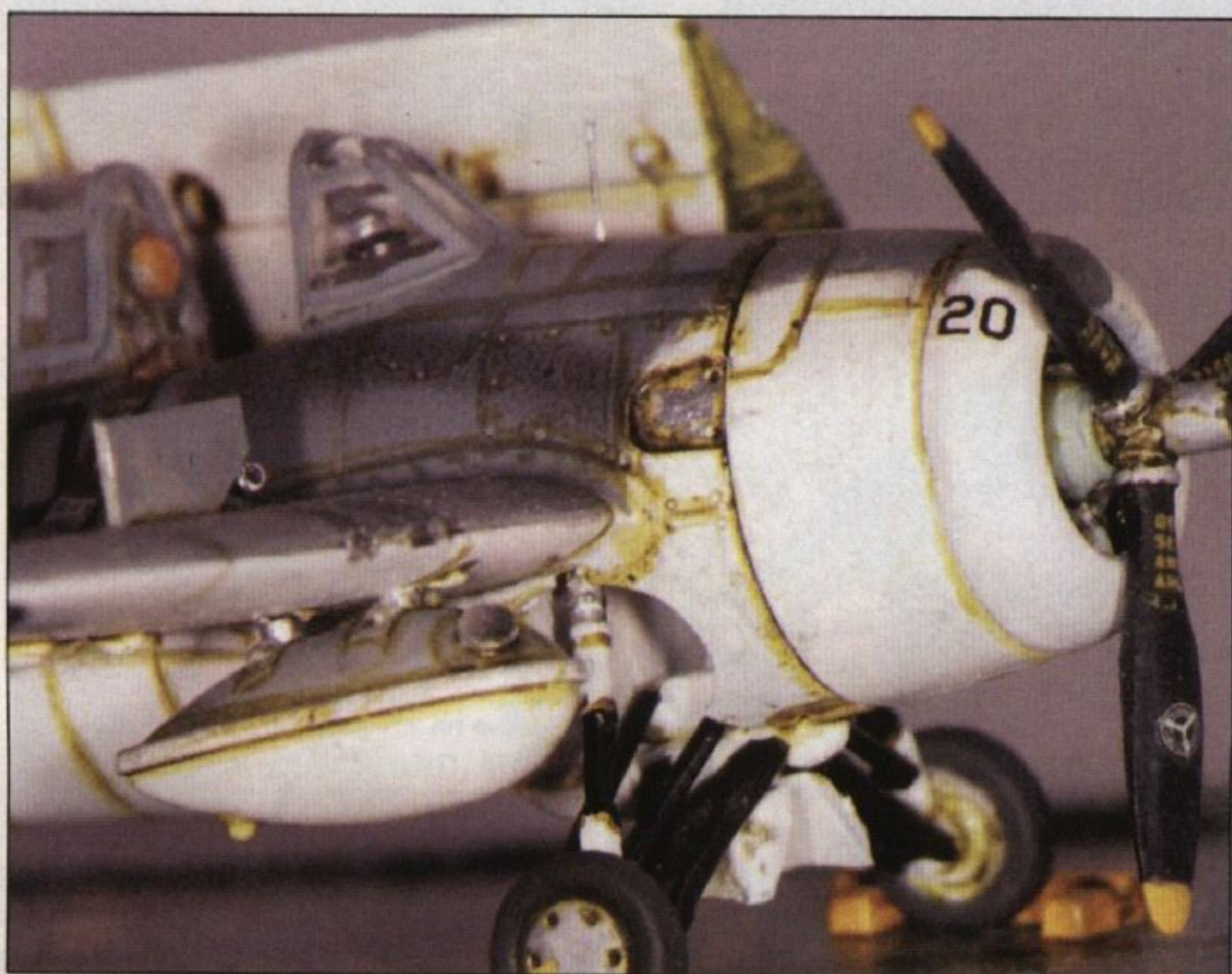
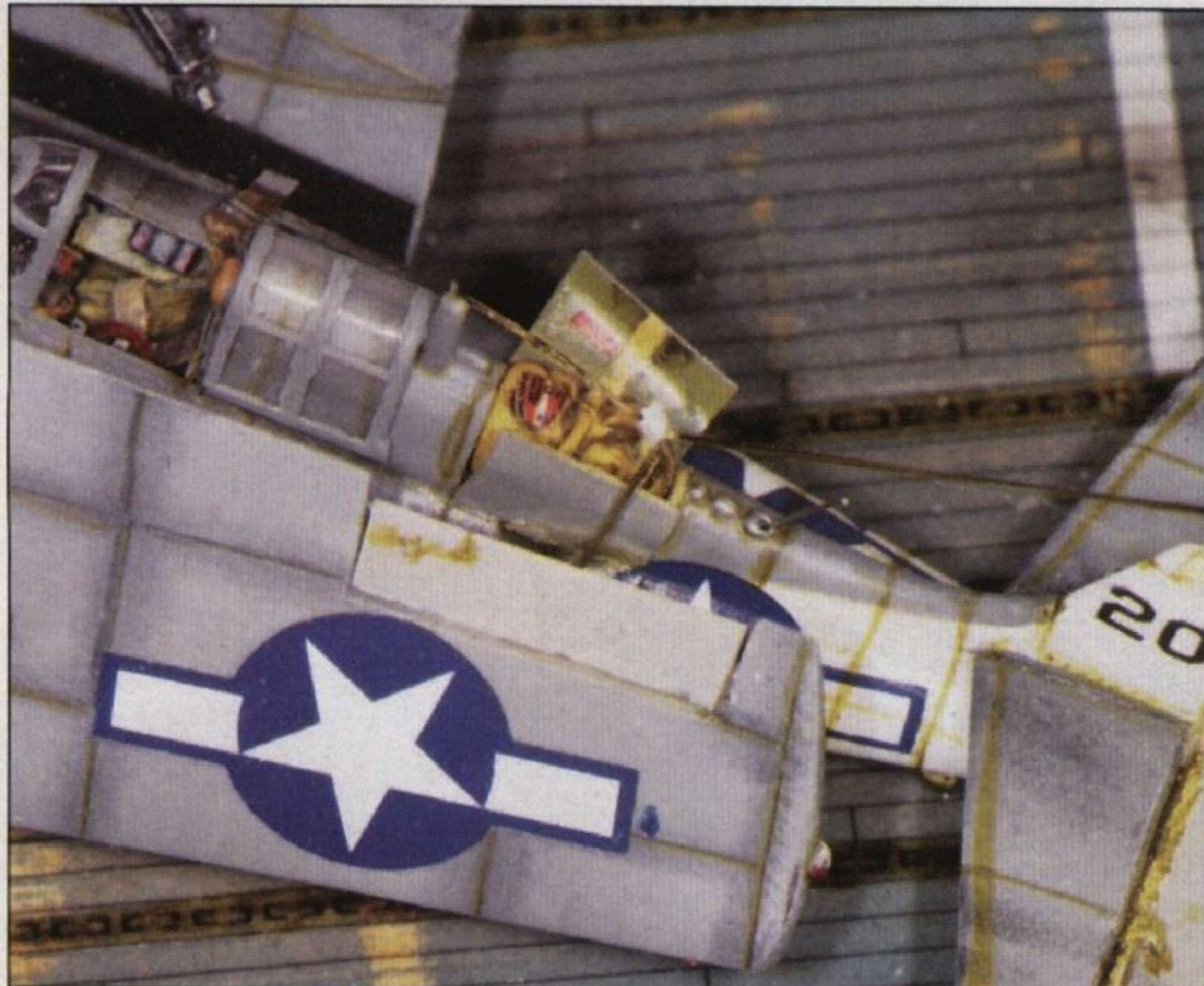
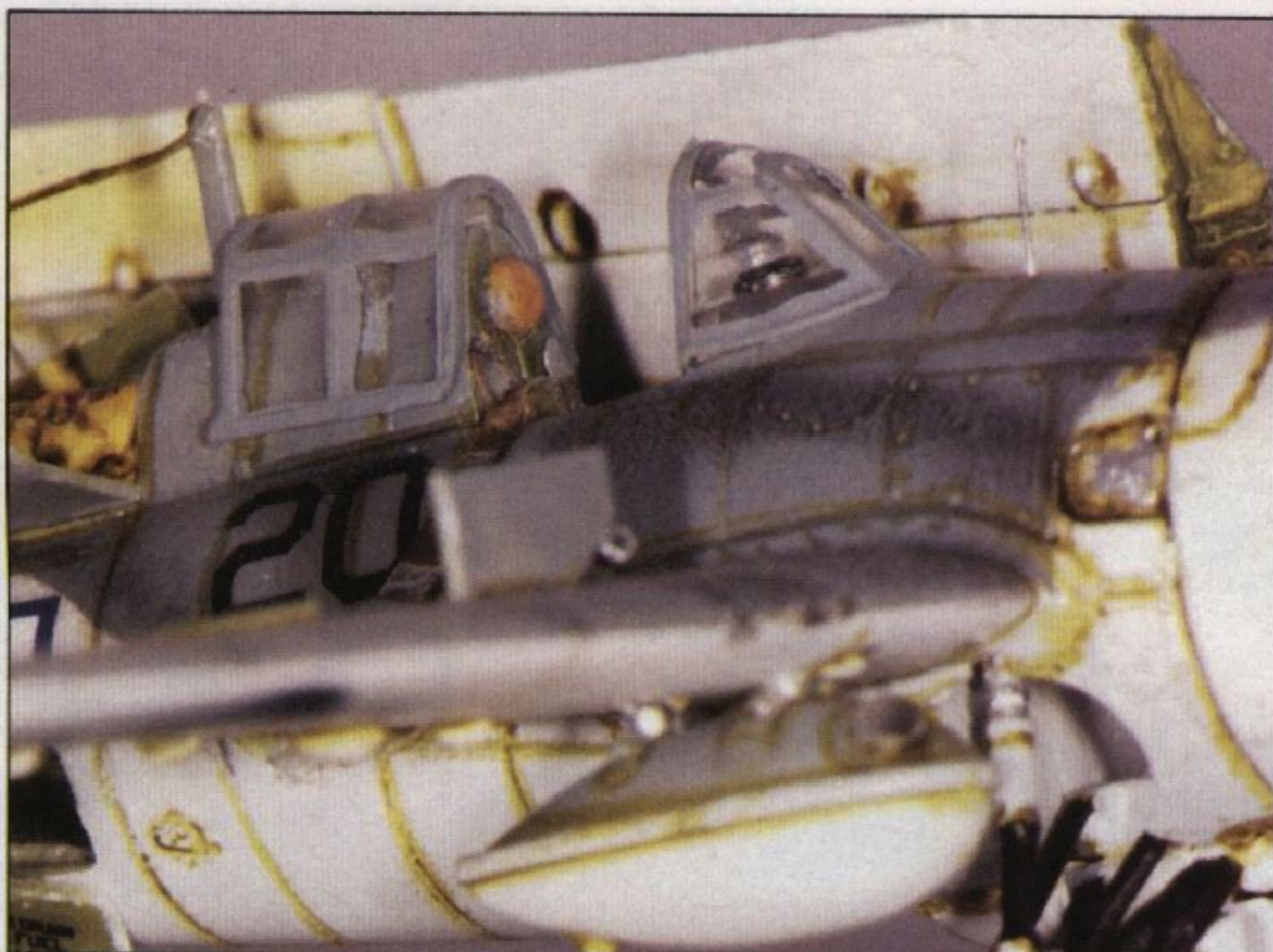
Scratchbuilding

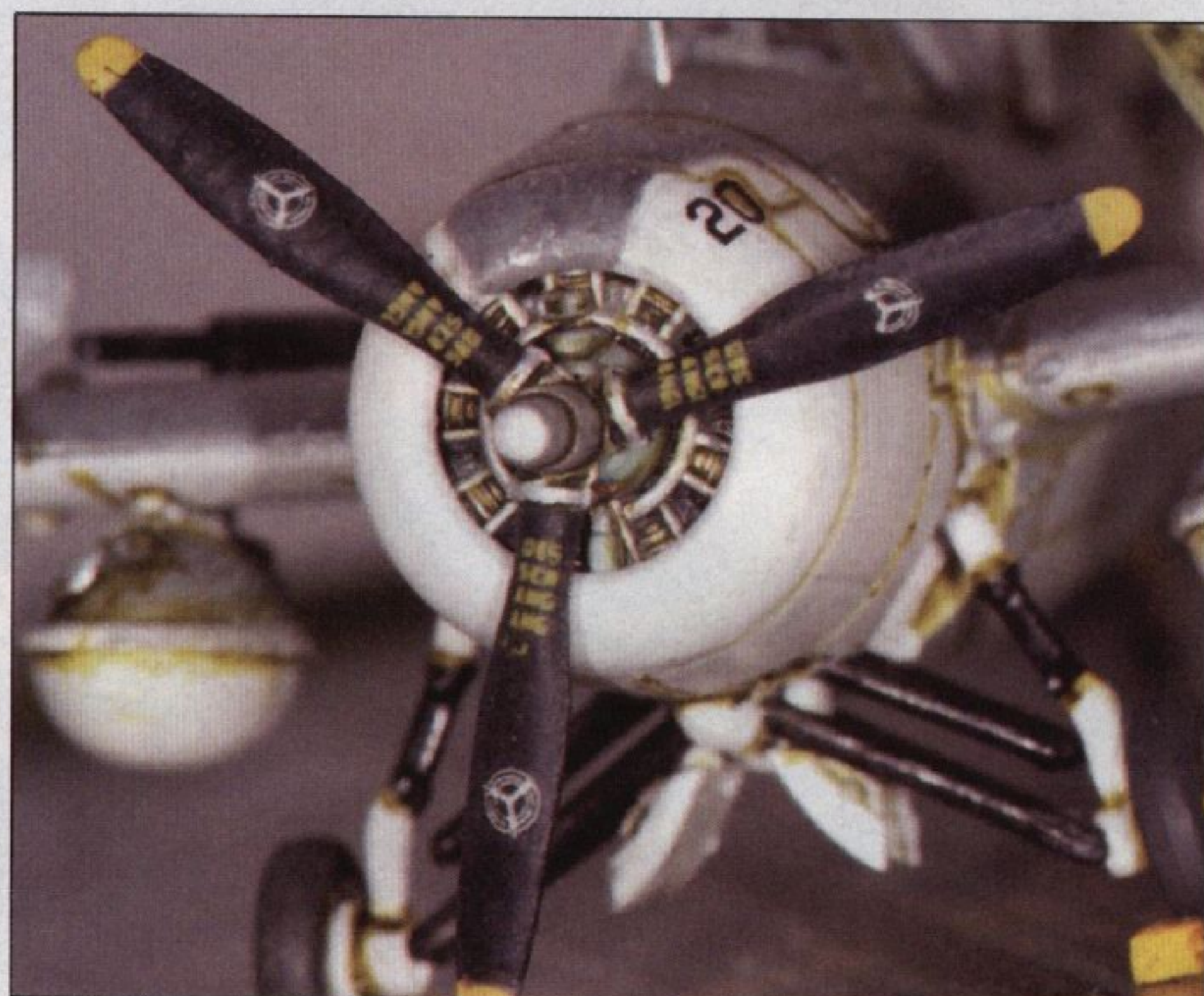
The cockpit, radio bay, pitot tube, wing fold, machine gun bay and dinghy bay require scratchbuilding.

General Motors FM-2 Wildcat

| | |
|----------------|---------------------------------------|
| Scale: | 1/144th |
| Kit No: | 14103 |
| Price: | £8.40 |
| Panel Lines: | Recessed ✓ |
| Status: | New Tooling ✓ |
| Type: | Injection Moulded Plastic |
| Components: | Plastic 29 (Blue), 29 (Grey), Clear 2 |
| Decal Options: | 5 |
| Manufacturer: | Sweet Aviation Model Div. |
| UK Importer: | Arba Products |

The cockpit was created with 20thou sheet styrene, 'O' and 'U' shaped channel and square section rod. An invaluable tool in this process is a 'chopper' (a guillotine that allows plastic to be cut in uniform lengths and angles). Small sections of rod were cut and placed on the inside of the fuselage halves to give an impression of cockpit equipment and controls. The seat was created by taping two thin sheets of plastic together, then cutting them in the shape of the side profile of the seat. This done the plastic pieces were separated and a piece of curved





sheet plastic was placed between to create the back and base of the seat. Trim tab actuators were made from thin slivers of 'O' shaped channel, the joystick was made from shaped, stretched sprue. The base of the cockpit was made from sheet styrene and the rudder foot channels were made from 'U' shaped rod. The reflector gunsight was made by punching out a thin disc of clear styrene with a Historex Agents circular punch and dye set. The cockpit control panel was shaped to fit, painted black, and then I punched out small discs from a white sheet of decal film and placed them to represent the dial faces. The seat harness was made from painted brown gummed paper.

The radio bay was made by making stringers with thin rod, the radios were created from various lengths and thicknesses of rod and the dial faces were made as for the dial faces in the cockpit. Control cables were very thin wire. The pitot tube was made from shaped

stretched sprue.

The wing folds were sanded on a forty-five degree angle, filled with Milliput and once hardened, small lightening holes were drilled in it and ribbing was created with small equal lengths of thin square section rod.

The machine guns were made with rod, Minimeca steel tube and small punched discs, the bay itself was cut out as per the radio bay hatch. It is necessary to thin the insides of both wing halves to allow control surface wires, machine guns, and ammo belts to fit in the bay. The dinghy bay was created with styrene sheet and a 1/72nd scale resin kit bag reduced in size by filing and sanding. The opened panels were made from very thin sheet styrene folded to give its shape.

Assembly

The propeller was painted, then using the aforementioned punch and die set, I punched the centres out of the propeller decals in the Tamiya 1/48th decal sheet for the

P-47 Thunderbolt. The undercarriage, cockpit, engine, wheels, chocks, dinghy and control surfaces were painted as per reference photographs and small sections of decal were used to create creep indicators on the wheels, part numbers on the chocks, and dinghy use labels etc.

The control surfaces were painted a slightly lighter shade than the surrounding areas. Once all the individual parts were painted, assembly was as per the instructions, all painting was with Xtracolor and decals adhered well using Micro Sol and Set. Once dried, Earth Brown Magic colour ink was flowed into the panel lines to accentuate detail, and create weathering. Once weathered, matt varnish was sprayed on all surfaces.

Carrier deck

The carrier deck was made from sheet styrene covered in wood grain sticky vinyl sheet. This was painted with acrylics and areas were then

rubbed with a damp Q-Tip to remove patches of paint to give the impression of a worn American wooden aircraft carrier deck. The arrestor mechanism was scratchbuilt with the same stock as used for the aircraft. The nice finishing touch is a decal with the kit that when laid over the deck, demarcates the individual planks and tie down areas. The fire extinguisher was scratchbuilt, painted, and a decal added.

In conclusion

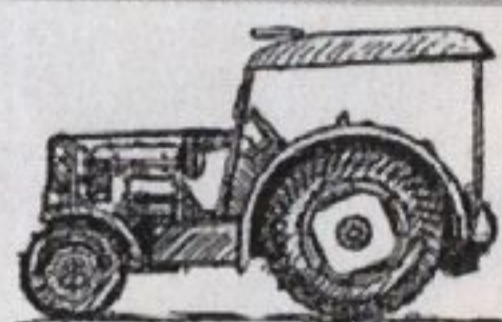
This has to be one of the best fitting kits I have made, it makes the whole task of super-detailing enjoyable and, yes, easy. Try it yourself, you'll see. Remember that you only have to give an impression of the detail you wish to portray, with a bit of paint, the eye will fool the mind as to what is actually there because the scale is so diminutive. I would recommend this kit, and the opportunity to detail it, to all modellers.

Phillip Ware



MATADOR MODELS Airfield Accessories

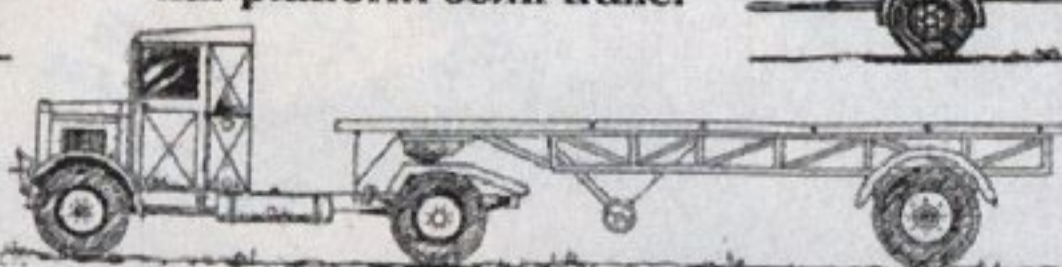
EXTENSIVE 1/76TH SCALE VEHICLE AND CONVERSION RANGES, FROM WWI TO THE 1980'S
and **Airfield Accessories** 1/48th, 1/72nd, 1/76th scale ranges of
British and German airfield vehicles and equipment including ambulances,
refuellers, tractors, G.S. and specialist vehicles, starter trolleys, etc.



1/48th & 1/72nd
Hanomag R40
Luftwaffe Tractor

1/48th & 1/72nd RAF Towed Fuel Bowser

1/72nd Albion AM463 with
flat platform semi-trailer



plus: 1/76th scale GERMAN ARMoured TRAIN
1/144th scale AIRCRAFT COCKPIT DETAILS: 1/35th BRITISH WARFLAT WAGONS
NEW RANGE OF FIGURE BASES
For full catalogue please send SAE or 2 IRCs to:
MATADOR MODELS 6 Cliffe Road, Barton on Sea,
NEW MILTON, Hants. BH25 7PB Fax: 01425 628219

AEROCLUB

www.aeroclub-models.com

WE CARRY STOCKS OF THE FOLLOWING RANGES

Academy • ADS • Aerovac • Airmo • AJP Maquettes • A Model • Alclad • Alliance • AML • Ardpol
Aviation Usk • Azur • Bare-Metal • Battleaxe • Belcher Bits • Blue Max • Blue Rider • Brigade • Broplan •
Carpenter • Check Six • Chorosz • Classic Airframe • Contrail Strut etc • Copper State • Cutting Edge Decals
Czech Omega • Dutch Decals • Eagle Strike Eastern Express • Eduard Kits • Extra-Tech • Falcon
Fantasy Printshop • Flashback • Flexi-File • Fonderie • Frems • Gal Decals • Gavia • Hallam-vac • Hi-Tech • HR
Huma • ICM • Jager • Joystick • Koster • Mac • Mach 2 • Maquette • Max Decals • Microscale • Miku
Misterkit Paints & Kits • Model Art • Modeldecals • Monogram • MPM • Neomega • Occidental • Ozmod • Part
Pegasus • Pro-Bond • RafDec • ReHeat • Roden • RVHP • Sierra • Silesian Eagle • Slaters • Special Hobby
Spin • Strutz • Sword • Tamiya • Toms • Two Bobs • Ventura • Warrior • Welsh Models • Xtradecal

We also carry a good selection of Tools and Adhesives.

For our full catalogue, listing all the Aeroclub range of kits and white-metal detail parts
plus the many other ranges that we stock, send 6 x 1st class stamps or IRC's to:

1A, Baker Avenue, Arnold, Nottingham. NG5 8FW

Tel: 0115 9670044 Fax: 0115 9671633

E-Mail: aeromail@compuserve.com

Postal address with all Fax and E-Mail Enquiries please.

Send for an e-mail Catalogue and Newsletter!

VISA, EUROCARD, MASTERCARD, SWITCH ACCEPTED

New! K7/10: Belgian AF K4/9: RAF Postwar



K7/7: RAF War At Night: Wellington Mk Ic. 75 Sqn. 115 sqn. 149 sqn.

RAF Wellesley 35 and 76 sqn. RAF. Whitley 76 and 77 Sqn. RAF. Blenheim Mk.IV.

105 sqn. RAF. Beaufort 22 Sqn. RAF. Beaufort 415 sqn. RCAF.

NEW! K7/8: RAF Bombers: Stirling I No.7, 15, 149 or Stirling IV 570 Sqn.,

Halifax II 35 Sqn., Boston III 226 Sqn., Baltimore V 55 Sqn., Mitchell II 180 Sqn.,

Mosquitos IX 105 Sqn. RAF.

NEW! K7/9: RAF Fighters: Spitfire Mk.I 19 and 66 Sqn. RAF (pre-war) Spitfire IIC

276 ASR. Hurricane IIB 3 Sqn., Hurricane Mk I 32 Sqn., Hurricane IIB 256 Sqn.

Mustang Mk.IV 19 or 213 sqn. Tempest Mk.II 33 sqn. Tomahawk 26 sqn. Defiant

255 Sqn. Spitfire PRU.

NEW! K7/10: BelgianAF. Gladiator, Fiat CR42, Hurricane Mk.IIc. Mosquito

Mk.VI./ T.III. Meteor NF-11, Oxford.

NEW! K4/8: RAF Bombers: Boston 226 Sqn. Blenheim IV PRUnit or 107 Sqn.

Mosquito IV 21 Sqn. BAFO. Mitchell 180 Sqn. RAF

NEW! K4/9: RAF Postwar: Spitfire F.24 80 Sqn. RAF. Tempest F.6 6 or 213 Sqn.

RAF. Mosquito's NF.36 29 or 87 Sqn. RAF.

Future releases: K4/10 BelgianAF. Gladiator, Fiat CR42, Hurricane Mk.IIc. Mosquito

KitsAtWar Kerkstraat 2 2471 AP Zwammerdam The Netherlands.

email: info@dutchdecal.demon.nl www.dutchdecal.nl

available at Hannants, Aeroclub, ED Models, Aviation Hobby Shop

PRONTO MODEL

NEW 2003 CATALOGUE AVAILABLE

We add new brands in our list as:

ACADEMY, GAVIA, DRAGON, HELLER, ZVEZDA, TRUMPETER

New items from: Italeri, Cunardmodel and Italian Classic

some kits of SUPERMODEL and accessories of

PARAGON DESIGN are still available

Large range of resin, white metal accessories and P.E. parts:

PART, EDUARD, TOM'S MODELWORK, TAURO MODEL

WE SEND IN ALL THE WORLD

Price of the catalogue Euro 4,70 (6,80 by air)

Payments by VISA, MASTERCARD, EUROCARD

PRONTO MODEL MAIL ORDER - Fax ++39 - 011 - 9713983

http://www.karmanet.it/prontomd - E-mail: tauromd@mail.karmanet.it

P.O. Box 59 - I-10022 CARMAGNOLA (TO) Italy

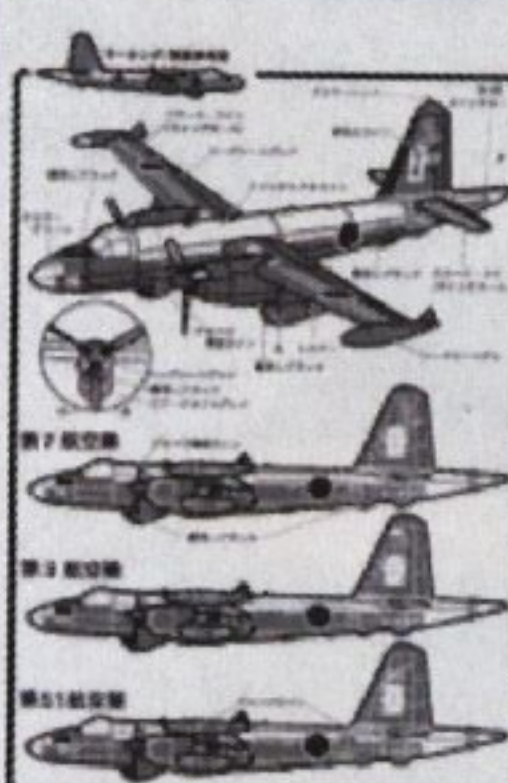
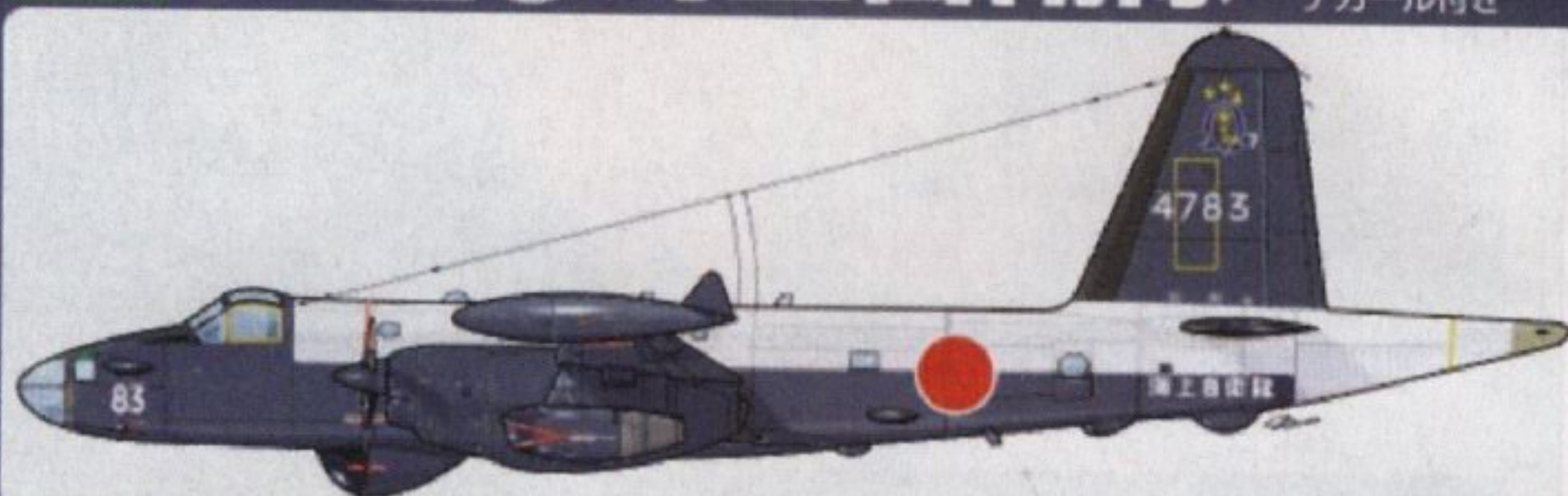
MONO CHROME

Kawasaki P-2J NEPTUNE-ka i JAPAN MARITIME SELF DEFENCE FORCE 1/144Scale Resin KIT Complete with Canopy, Clear Searchlight & Decals (3 versions) .Total : 27 parts.

1/144 レジン製組み立てキット

P-2J海上自衛隊

風防バツ
サーチライトは
クリアーレジン製
デカール付き



NEXT RELEASE

HU-16A (U.S.C.G.)

HU-16B (J.M.D.F.)

F9F-8/TF9F

TBM-3W/-3S (J.M.D.F.)

£ 48.00

For UK modelers.

(Includes shipping to UK.)

Please send order with

I.M.P.O.

Sorry, we don't accept

cash or creditcard.

Other modelers besides UK.

please contact us by e-mail

or Fax shown below.

MONO-CHROME

1-6-1 SAKURA-PIA 3F NISIKANAGAWA

KANAGAWAKU YOKAHAMA 221-0822

JAPAN

FAX +81-45-324-3473

DEALER INQUIRES WANTED

E-MAIL info@interallid.co.jp



MODEL ALLIANCE

GROUP

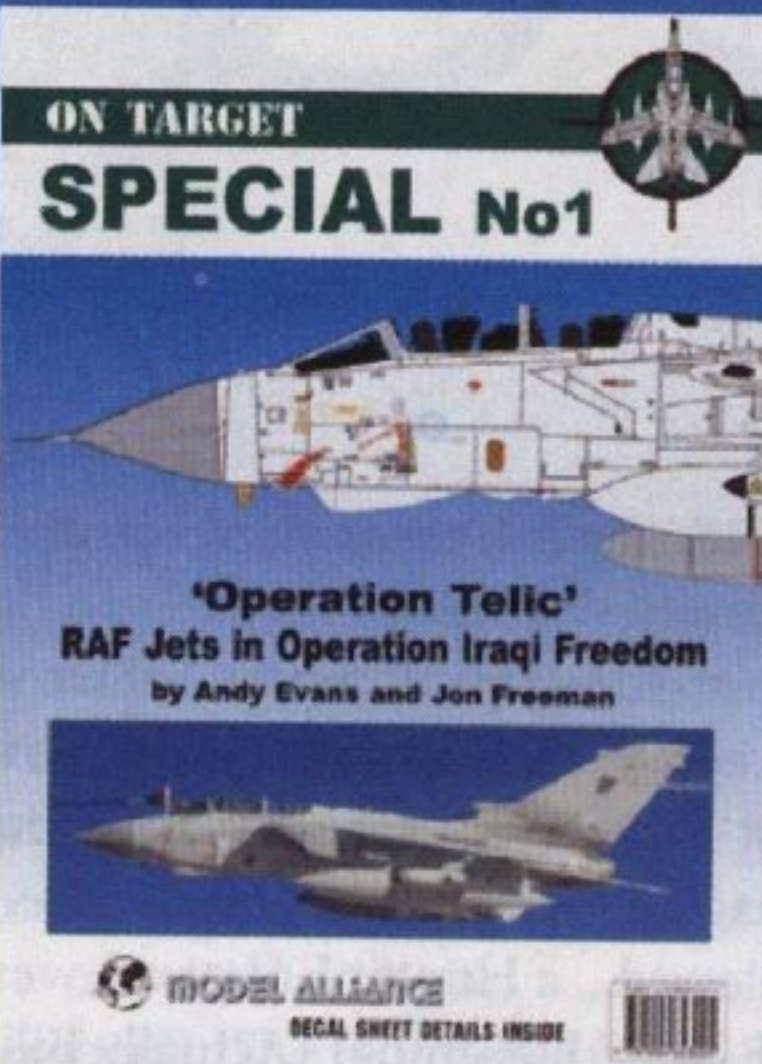
www.theaviationworkshop.co.uk

Postage Rates: UK. 10%

Europe. 15%, Rest of World 20%

Credit Cards Now Accepted -

Please add 4% per order



NEW!! £12.99

On Target Special No 1

'Operation Telic - RAF jets in
Operation Iraqi Freedom'

by Andy Evans and Jon Freeman

Detailed coverage of the aircraft,
armament fits, colour schemes and nose
art of the RAF jets in the recent war in
the Gulf. Written by Andy Evans and
illustrated by Jon Freeman, this 52pp,
full colour, softback book is crammed
full of information with over 120 'In
Theatre' photographs and nineteen
pages of profile and four-view artwork.

Also available:

'On Target
Profiles'

The first two of an
ongoing series of full
colour camouflage
scheme and markings
books - aimed specifically
at the aircraft modeller.
Thirty-six pages of
profiles and four-views
by Jon Freeman, PLUS
an exclusive decal sheet
option - in either 1:72 or
1:48 scale - in every book.

No 1 'The F-104 Starfighter
in worldwide service'

No 2 'The P-51 Mustang in RAF
and Commonwealth service'

ON TARGET
PROFILES

ON TARGET
PROFILES



£9.99
each

Lockheed F-104
Starfighter

by Jon Freeman

RAF & Commonwealth
P-51 Mustangs

by Jon Freeman

THE AVIATION WORKSHOP PUBLICATIONS LTD

BROOK BARN, LETCOMBE REGIS, WANTAGE, OXFORDSHIRE, OX12 9JD

UNITED KINGDOM. TEL: 01235 769746. (AFTER 6.30PM)

EMAIL: aviation.workshop@appleinter.net

Also available from leading book/model shops.

Distributed in the UK by Midland Counties, Hannants and Book World.

1/24th Scale

Manufactured by



Red '16'

by Bill Clark

It's 1972-3, and here in the UK, Ted Heath's Conservative government are struggling to govern. A three-day working week is introduced due to a crisis in the coal industry and the cost of oil is soaring, there's big trouble in the Middle East and power stations are closed down, the lights go off for several hours every day to save energy. Airfix are particularly badly hit; they have just issued a series of 'Super' kits in 1/24th scale. These kits are: Spitfire Mk Ia, Hurricane Mk I, Bf 109E, Fw 190, Ju 87 and P-51D, all to a fairly obvious WWII type of theme...

...AND Number Seven!! A Harrier GR.1A/AV-8A (where did that come from I wonder?. Where did that fit into the WW2 theme?

Now, being so large, these 'Super' kits of course need a lot of plastic, which as a side product of oil refining is now in shorter and shorter supply. So the brief age of the super kit is over - or is it?...

NOTE: By all accounts the next

1/24th super kit was due to be a Mosquito! Allegedly Airfix down-sized this to produce their very acceptable 1/48th scale model; now just Imagine what could have been! Imagine further. What could have followed... a Hunter F.6? or an E.E./BAC Lightning? [Actually Bill, the next superkit was apparently going to be a Gloster Gladiator! - Editor]

(Caveat: Some of the above may not be 100% factual, in fact I haven't a clue if the demise of the 'Super Kit' was enforced upon Airfix by the Middle East/Oil crisis, but you have to admit, it makes a good story!)

In those thirty years these superkits have generally been re-issued at various times by whoever owned Airfix at that particular moment. There was of course a lot of tooling invested and money to be made. Recently Airfix have decided to upgrade a selection of these kits. The Spitfire Mk Ia has had additional parts added to produce a Mk Vb (I'd love to see a Hurricane Mk IIc by the

way Airfix! [so would I - Editor]), and more recently the Harrier has had two make-overs, (i) as a GR.3 and (ii) as a Sea Harrier FRS.1 (and a third is planned - for a Sea Harrier F/A.2).

So, the subject of this article is the Harrier GR.3, basically a thirty-year-old kit, with a few new parts. Did I have fun? You bet!

The Sponsorship

As a bit of a Harrier fan, I am a fully paid-up member of the IPMS (UK)'s Harrier Special Interest Group ("Hi, my name is Bill, and I build Harrier's!"). Now 2002 was of course the 20th anniversary of the Falklands War, so the theme for the SIG's shows that year would be just that. Nick Greenall, SIG Leader was re-building the SIG's Sea Harrier FRS.1 (built and scratch-converted many moons before Airfix's re-issue/issue) and he needed a GR.3 to balance the display stand (literally - if you've seen them at any of the shows you'll know what I mean!). I had the kit

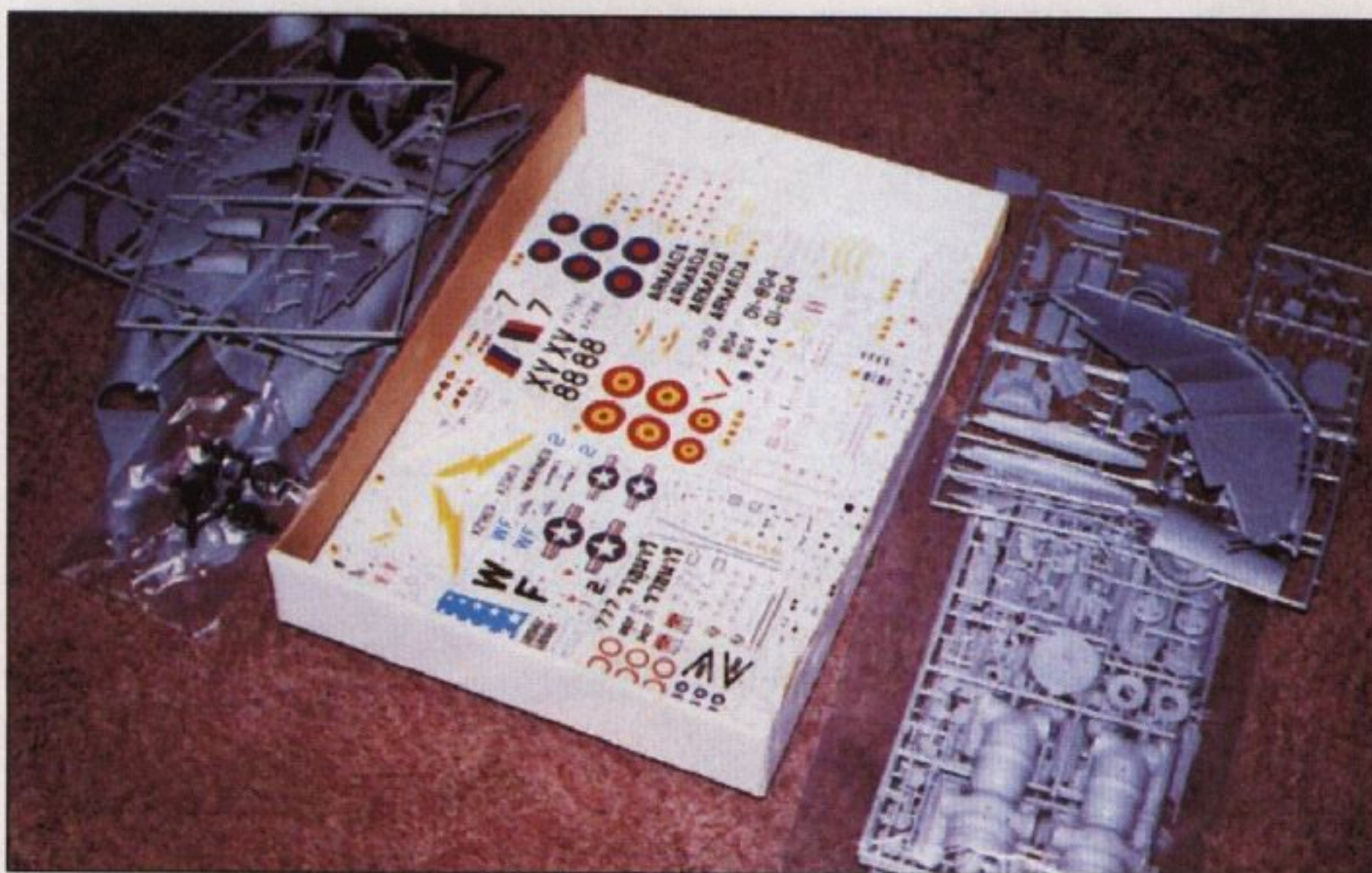
BAe Harrier GR.1A

| | |
|-----------------|--|
| Scale: | 1/24th |
| Kit No: | 18003 |
| Price: | £49.99 |
| Panel Lines: | Recessed ✓ |
| Status: | Revised Tooling ✓ |
| Type: | Injection Moulded Plastic |
| Components: | Plastic 336 (Grey), Clear 12, Rubber 5 |
| Decal Options: | 5 |
| Manufacturer: | Airfix |
| UK Distributor: | Humbrol Ltd |

ready to build and this provided the momentum, so I volunteered my services to the cause. It had to be finished by November 2002 though! It was already April 2002 and the parts were still in the box.... No problems, I had loads of time!

The Kit

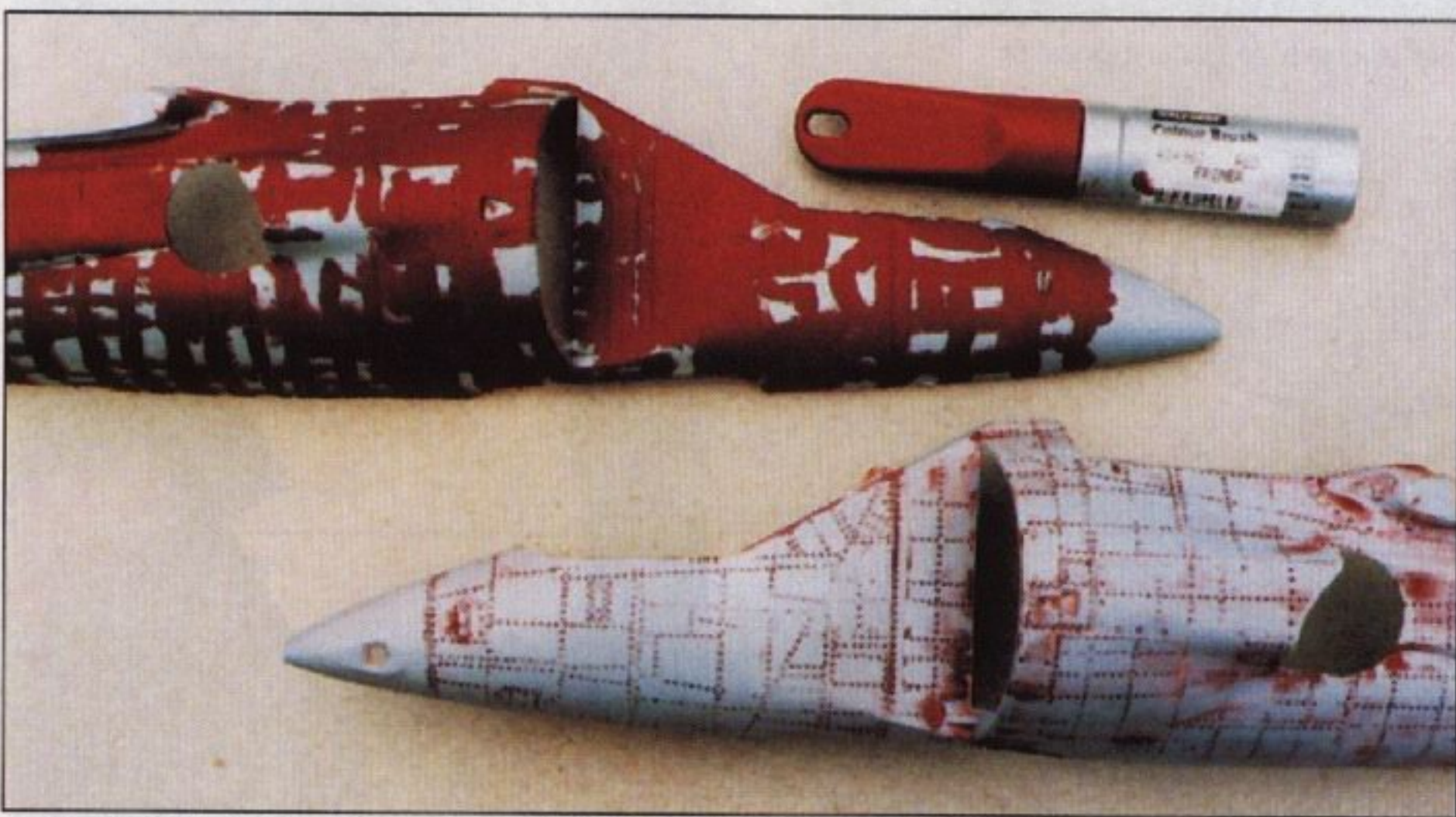
...is massive! If you haven't owned one, look at the box in the shops. Plastic is squeezed into every corner of this box (literally, Airfix sprues have always had bits fall off, they wouldn't be Airfix if they didn't, so before you send your 'missing' slip



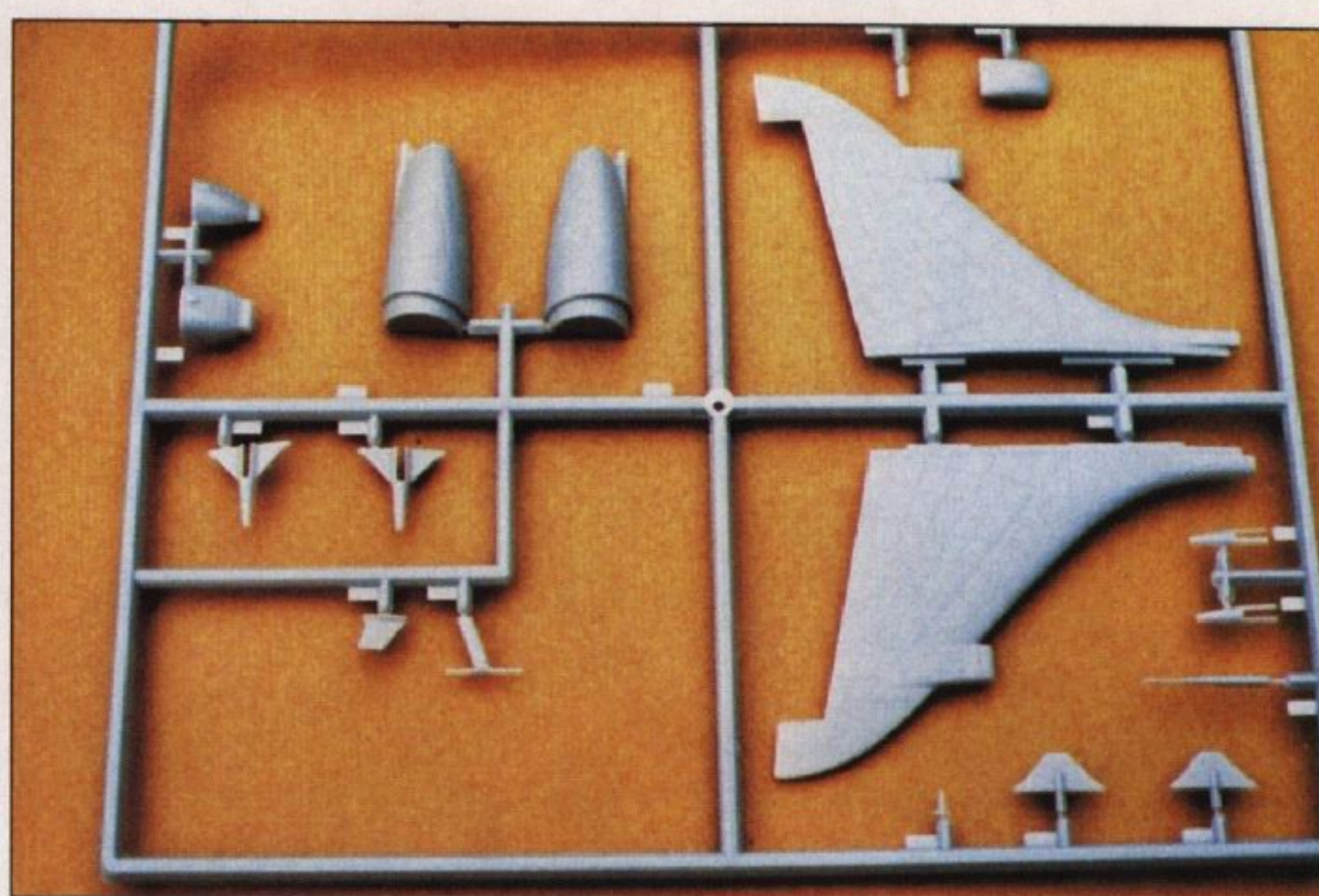
A very large decal sheet is squeezed into the bottom of the box



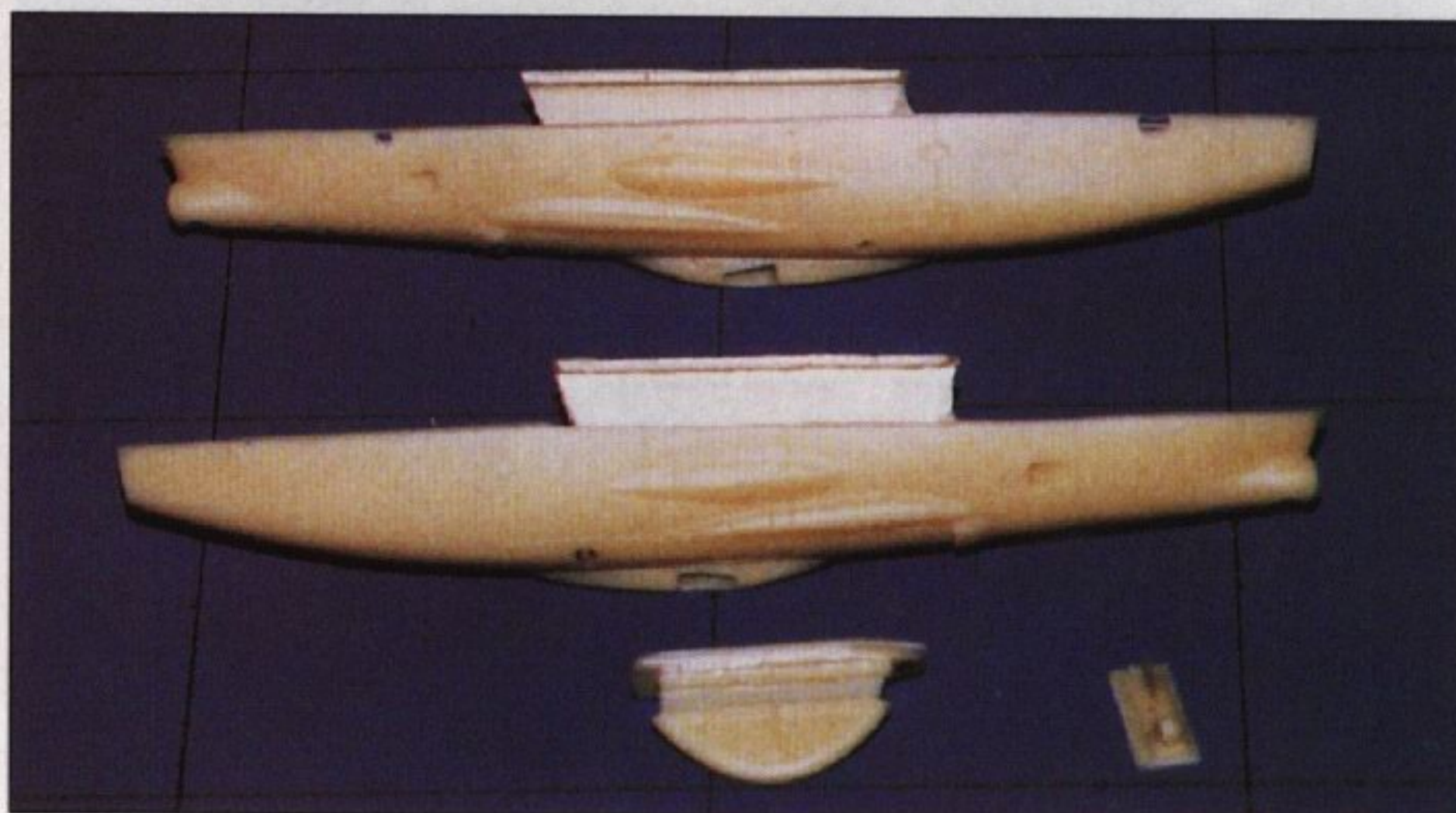
Heritage's resin and white-metal set



Halford's VERY red primer



The new 'GR.3' sprue



Heritage's resin Aden Pods with Blue Eric



Cockpit tub and Pegasus added



Fuselage halves joined with the LRMTS nose

off to Airfix, check under the flaps of the box!)

The decal sheet is the same size as the box! And is it colourful or what? Options include decals for three RAF machines, one Spanish and one ex-Spanish Thai Matador as well. In fact I would suggest that the decal sheet in this kit is as spectacular a piece of model aircraft decal artwork as you are likely to ever see! And I've heard people moaning about the quality (or lack of it) on some Airfix decal sheets, well I can only say that this sheet was as perfect as ANY decal sheet I have ever come across, and that's a few!

This kit is actually the original GR.1A/AV-8A kit with additional sprues to update it. These updated parts include the Laser Ranger & Marker Target Seeker (LRMTS) 'dolphin' nose, a new fin, including the new higher, Forward Warning Radar (FWR) fairing, and the new Rear Warning Radar (RWR) fairing on the tail boom. Also included are an accurate-looking pair of AIM-9L

Sidewinders for the Falkland's Fighter of the HARDET. The stores also include a pair of 100 gallon tanks, 1000lb free-fall bombs and 4 x SNEB rocket pod. You get an awful lot of plastic in this particular box!

Now you have to remember that this kit originated 30 years ago, can anyone remember the fashion of the early 70s? Flared trousers, tank tops, glam-rock, wedged boots/shoes and models with gimmicks! The Harrier is no exception to this (well apart from the kit's pilot figure having flared trousers that is, his Mae West looks like one of my old tank tops...).

The ailerons/flaps are meant to move, as is the rudder and tailplanes. The undercarriage is meant to retract, you can remove the wing to show off the Pegasus engine, a scratchbuilders/super detailer's delight, but a bit too 'retro', a bit too 'seventies' for me, I'm afraid. But all easily ignored. By far the biggest and worst gimmick to overcome are the rivets, Millions of them! Again, you have to remember that when this kit

was introduced kits generally had raised panel lines and raised rivets (especially Airfix at the time, whose rivet maker was as infamous as the Matchbox trench maker!). This kit had engraved panel lines and engraved rivets (millions, remember?). The toolmaker must have spent months just making these, an incredible example of tool-making skill. Now the problem is that these rivets are too prominent; especially so in this scale. They had to go. And correctly I guess, the upgraded/new parts also had engraved rivets, they would have looked a bit out of place without them.

So before I did anything else the first task was to fill all of those tiny holes!!

Operation 'Hide Rivet'

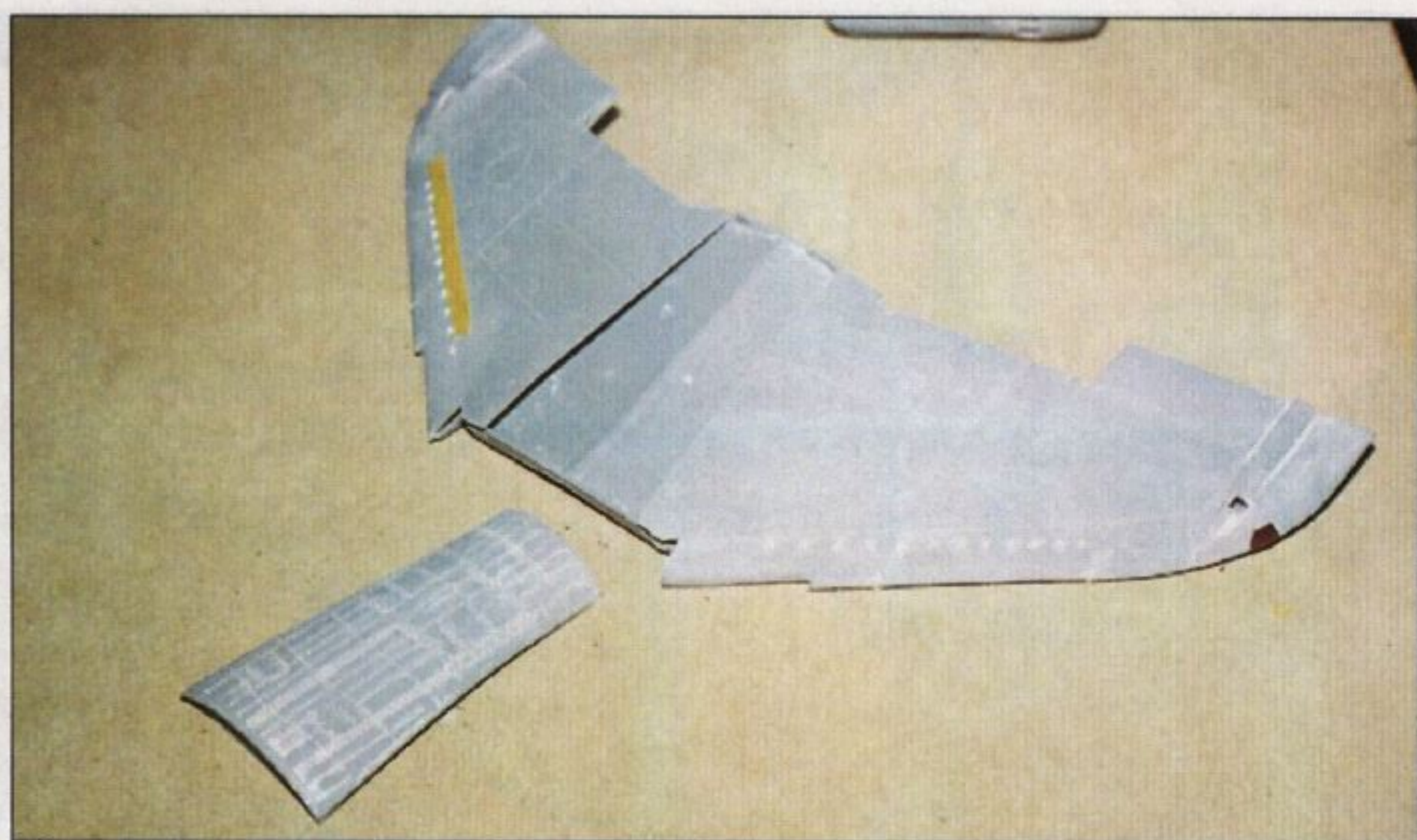
Rivets, rivets everywhere. I thought long and hard about how best to fill these; I thought of traditional filler, primer paint, Polyfilla, Initially I opted for Halford's car filler/primer,

that's the maroon coloured stuff plastered all over the fuselage halves in the photographs. This was similar in consistency to paper correction fluid and dried in minutes; it also shrank after drying so needed a few applications. It was successfully sanded down using fine wet 'n dry paper whilst holding the parts under a running tap. It's VERY messy though!

Due to the size of the parts, I elected to perform these tasks before any construction commenced.

Accessories Used

Apart from Flightpath's detail/conversion set, at the time of building Heritage Aviation were the only company making anything for this kit. Being totally honest some of their earlier stuff (all that was available then) was a little 'crude' compared to some other company's resin accessories. They do though offer some really useful Harrier parts, which with a little cleaning up don't look too bad at all. I obtained



Wings under construction



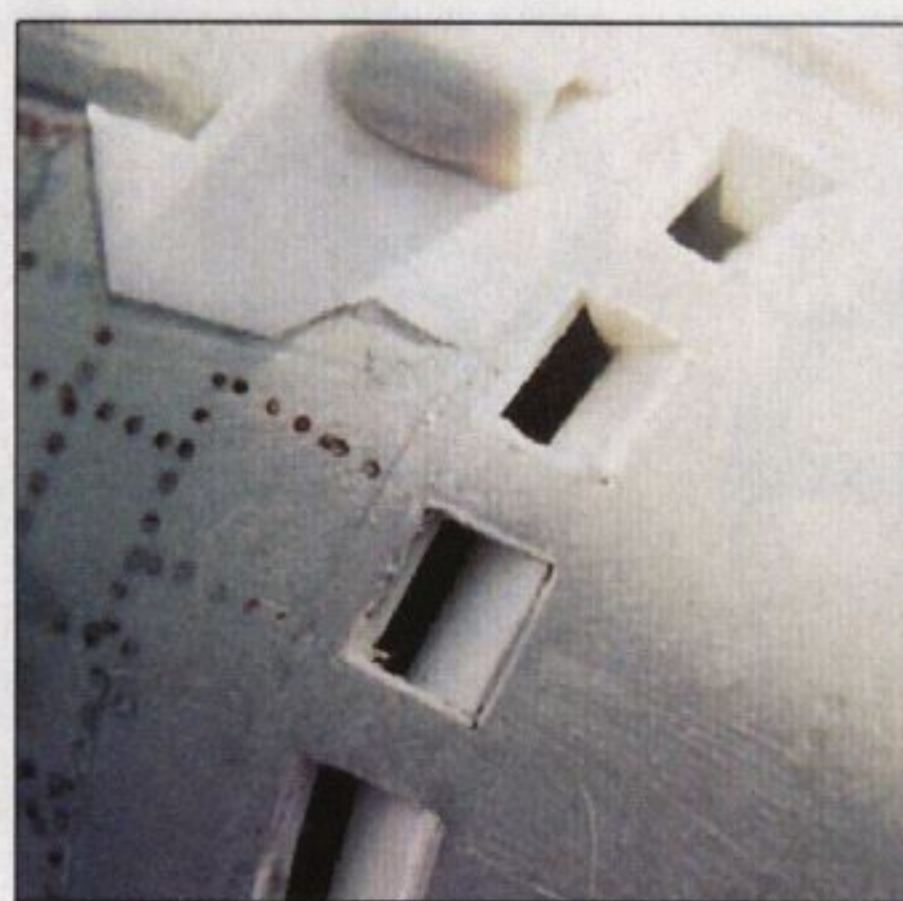
Wing added; The yellow tape is to aid alignment of the vortex generators



Tail unit



The upper panel was a poor fit



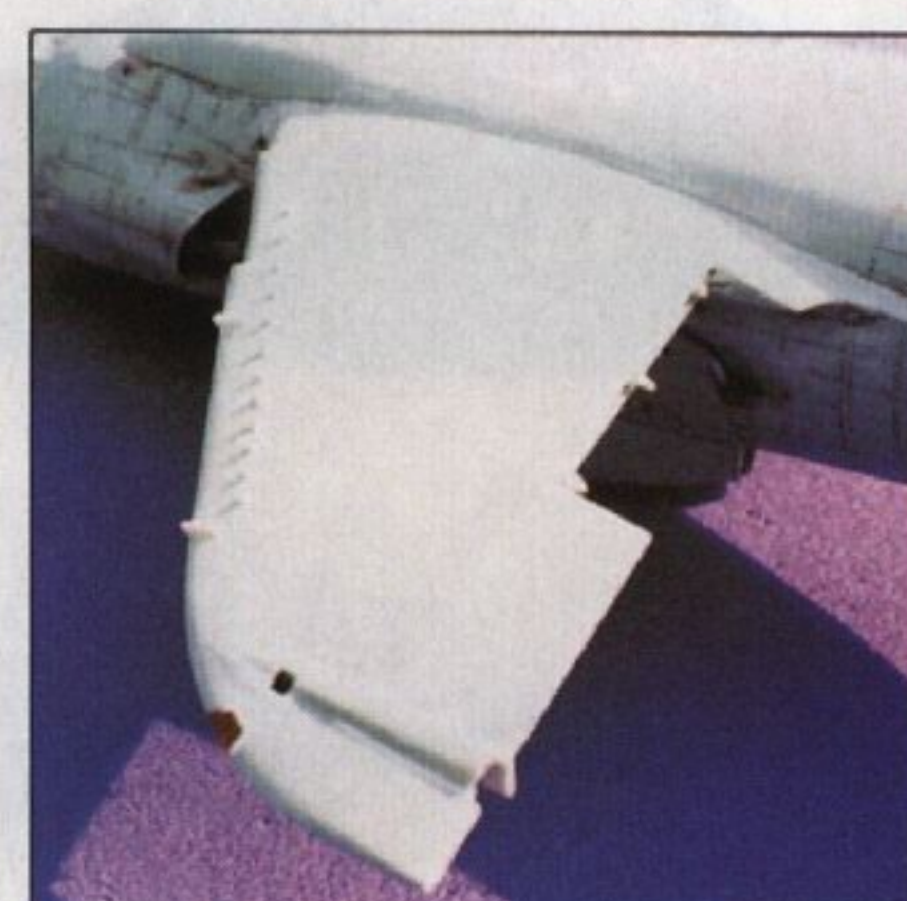
New plastic card drooped intakes



New fire access inlet added from tube



New vortex generators added



Port wing awaiting flaps

the undercarriage set along with the cockpit set. There are plans within the IPMS (UK) Harrier SIG group to offer our services to improve the Harrier's lot, and in fact, some newer items available from Heritage have been re-tooled using the skills of the SIG members.

Cockpit

The kit's cockpit is typical of its era; the pilot figure would have hidden the lack of detail here! My Harrier's pilot was not to be included, so the cockpit had to be cluttered up as per the prototype. Heritage's tub was used, and this proved a great starting point for adding further detail. Painted Medium Sea Grey (though I have since been informed that Dark Sea Grey would be more appropriate!) it was given a wash of dirtied thinners and highlighted by dry brushing with white.

I opted to use and detail the kit's seat. There was no real reason, Heritage's seat is fine if a bit too narrow, like the kit's seat, I just

fancied modelling a Martin Baker Mk 9. I am a consenting adult after all! The cushions/parachute packs were fashioned from Milliput, and straps and harnesses and other details from thin plasticard strip and wire.

The Pegasus engine was then built. I had no desire to show this off in the completed model, though anyone contemplating this has a great starting point. You could make this into a display model in its own right - hmmmmmm.... now there's a thought!

My inclusion of this was more to do with necessity, the nozzles need somewhere to sit. Additionally the structures that make up the wheel bays need to be added here, along with the airbrake bay.

One thing to note: the bell housing at the front of the intakes is apparently too far back. The turbine blades should fit flush to where the rear of the drooped doors are. I wasn't informed until after I had built mine, luckily though I had

already decided to add FOD blanks anyway - cheating? No, not at all! Look at any parked Harrier, or any aircraft for that matter, most have FODs and RBF tags all over the place.

Dealing then with the main components, i.e. fuselage halves, wings, fin, LRMTS nose and tailplanes, I rescribed the panel lines, those that were still intact had by now lost some of their definition. New wing vortex generators were made from plastic card, various holes opened, etched metal mesh was used for grills, new doors were reproduced in plastic card - drooped.

Construction

The lower wing section is a one-piece moulding including the fuselage saddle. This was glued into place (bearing in mind that this is meant to be a removable section). The rest of this section comprises two separate upper wings, and a centre fuselage hump and outer tips. These are supplied as (annoyingly) separate

items (to accommodate the rarely used ferry tips). The standard tips were used and these were a very poor fit. Milliput to the rescue!. The real generators are made from folded (at 90°) metal. This was used to my advantage as I could put the flat (to the wings) parts on first and could add the upright parts later, butt joining the two pieces. To manoeuvre the parts I used the tip of my scalpel. When these had dried I gently sanded the rear, front and tops to a more prototypical shape.

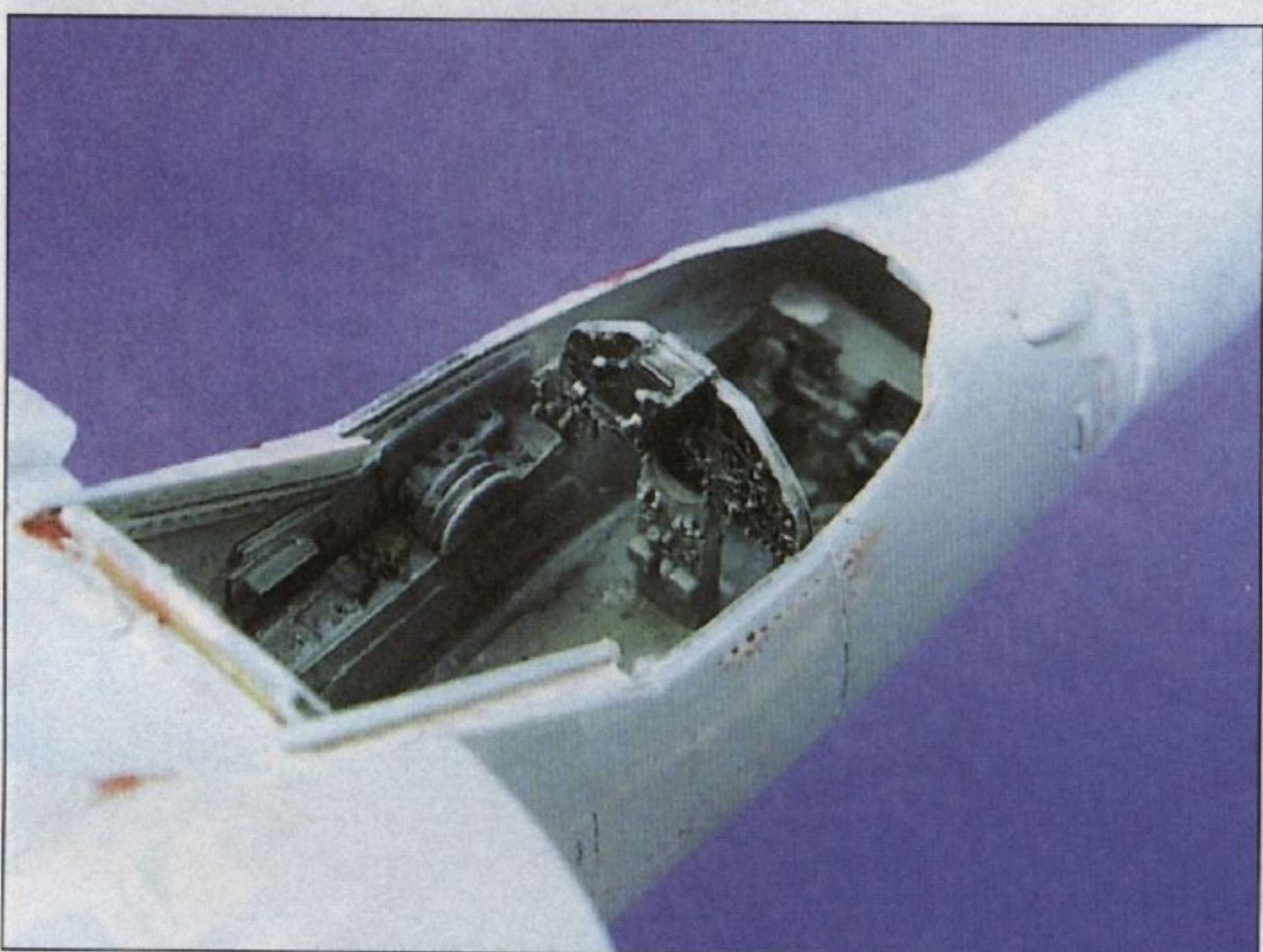
The wing fences were also replaced. After sanding down the originals I cut slots into the wing to take the plastic card replacement items. These were sanded to shape once the glue had hardened.

The puffer nozzles are also noticeable by their absence - Bover in the Hover on this one! These were easily made by drilling a hole and squaring the thing off with scalpel and plastic card.

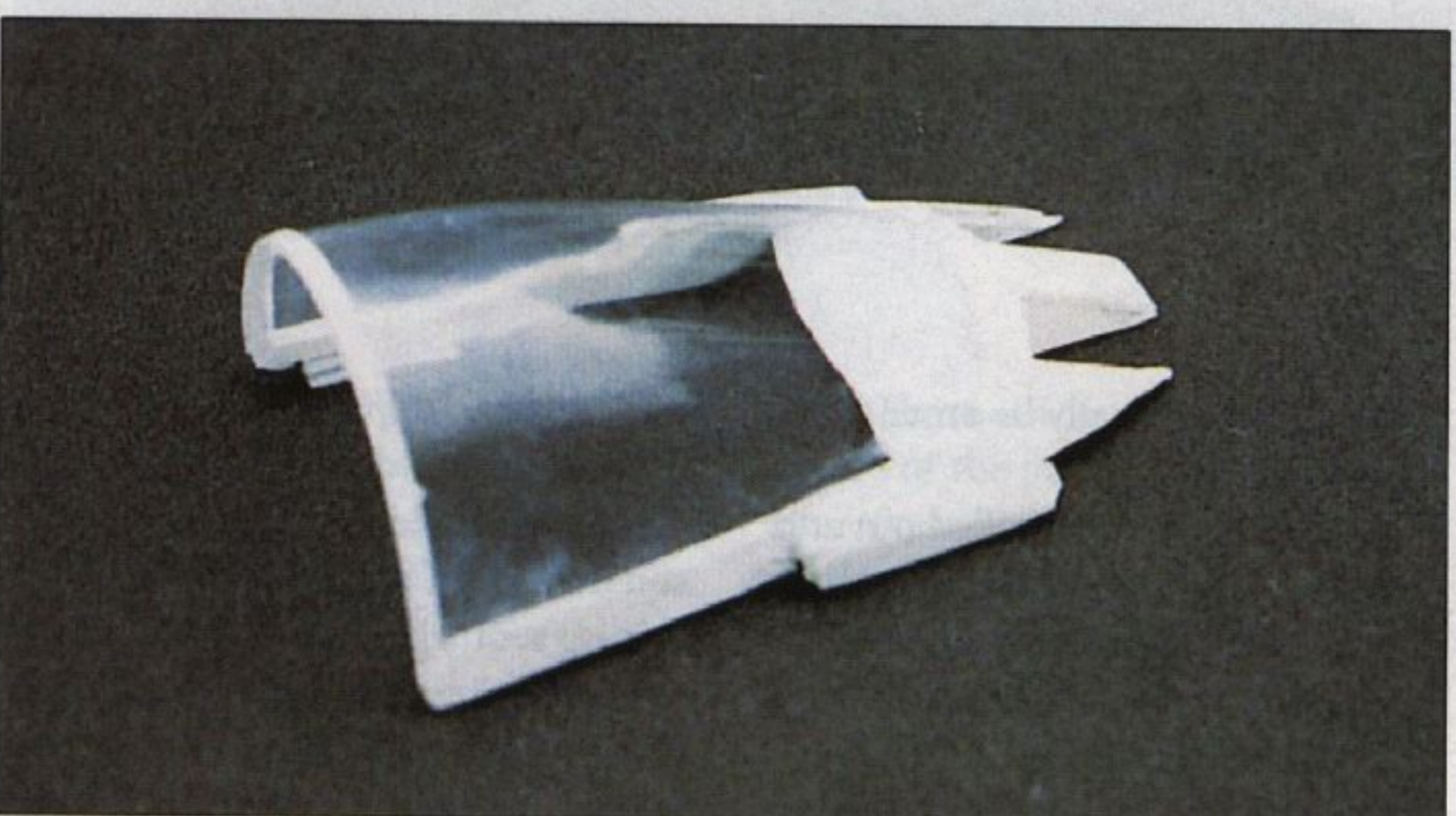
Now one thing I had noticed about real Harriers was the nature of



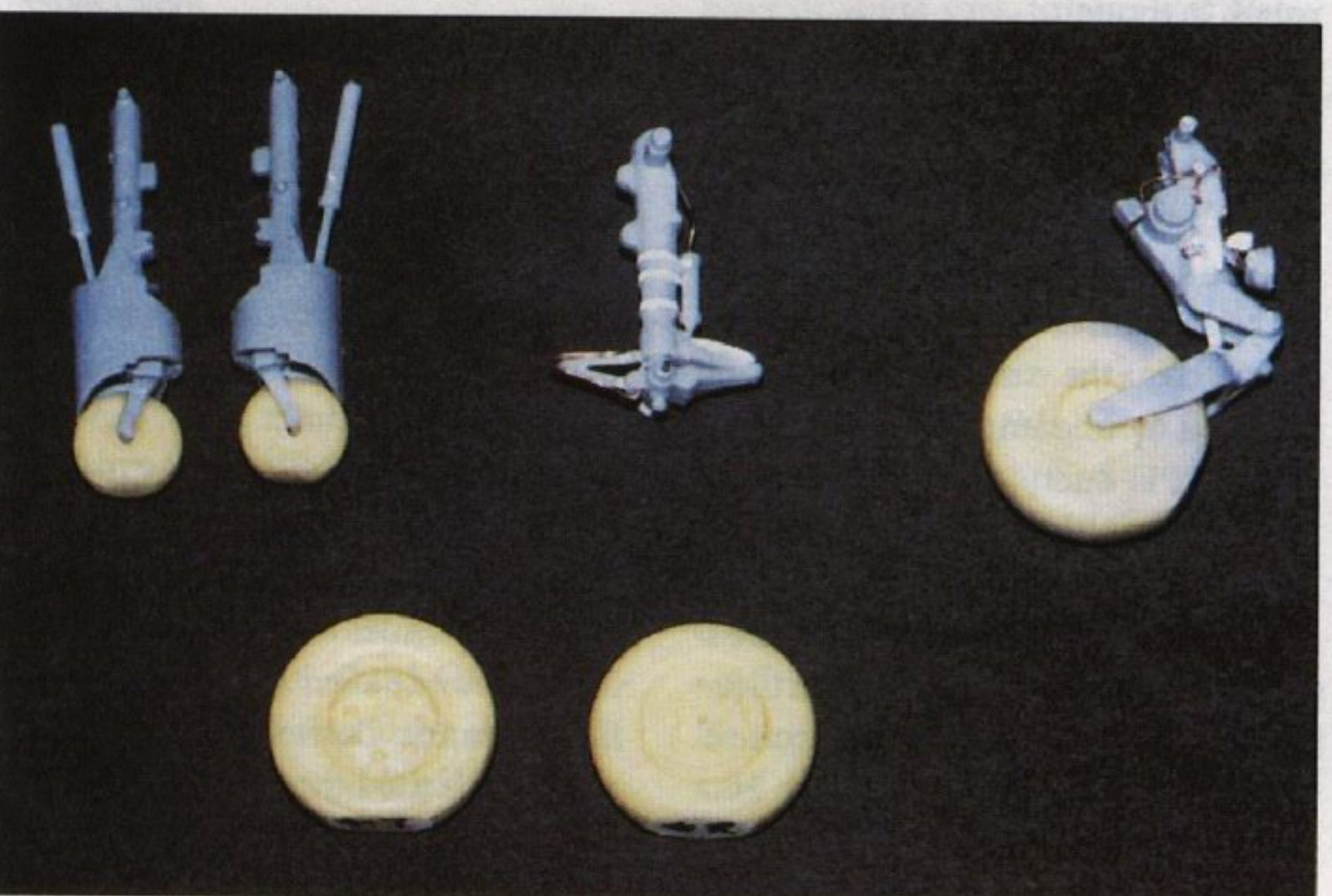
Flaps drooped



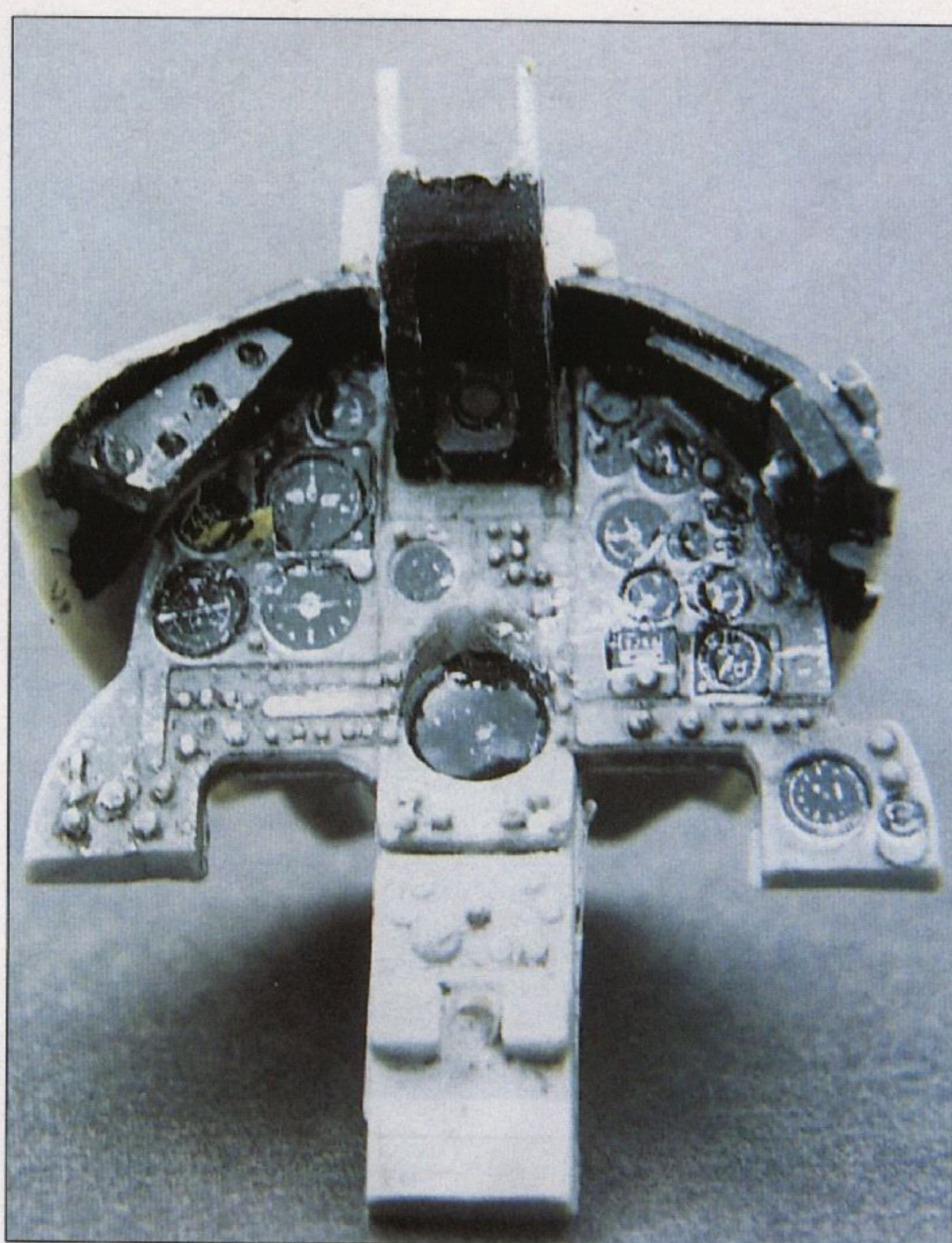
Cockpit tub added



I added plastic card to strengthen the rather flimsy canopy



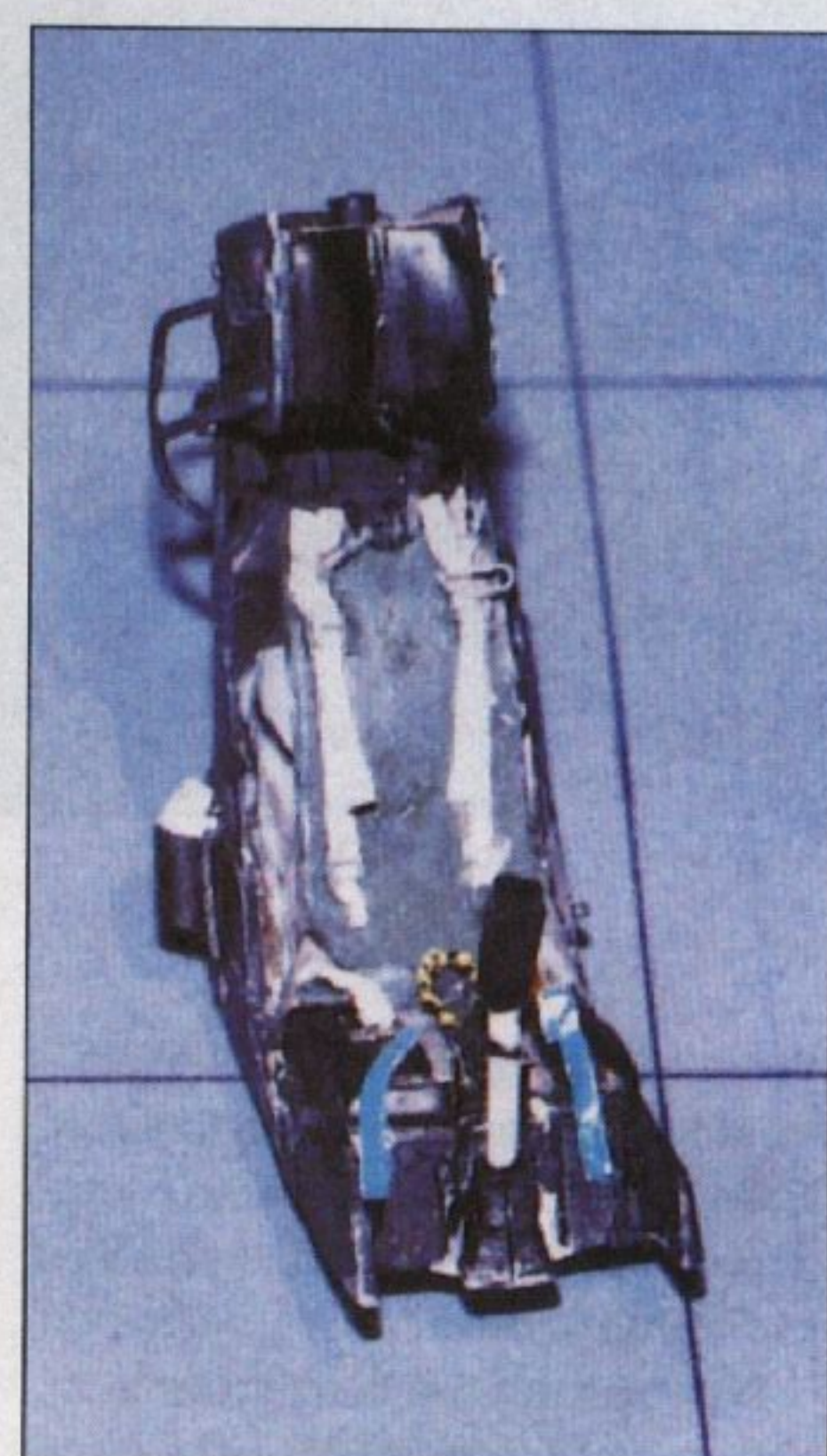
Undercarriage units with Heritage's wheels...



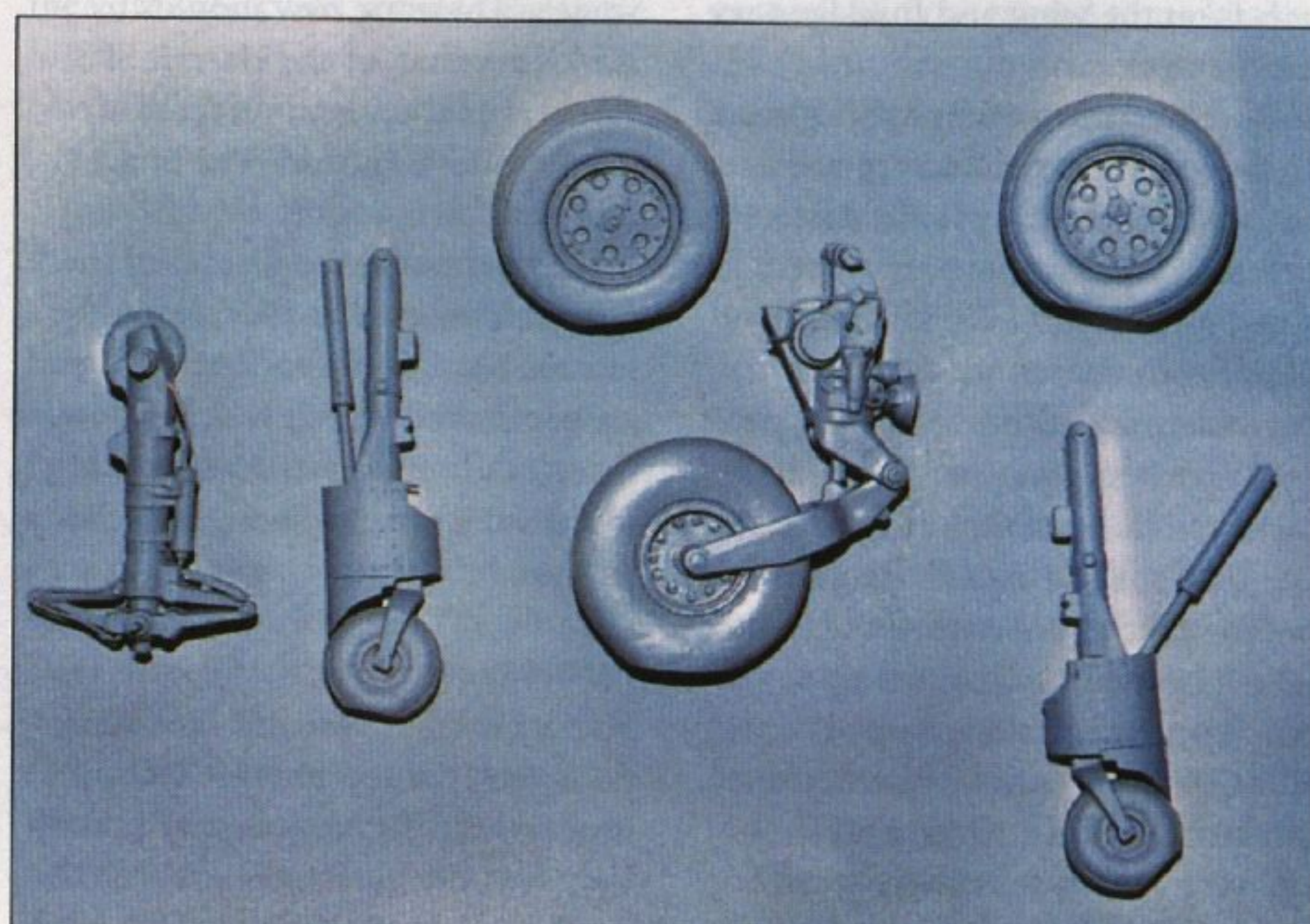
Instrument panel



The kit's seat with some added detail



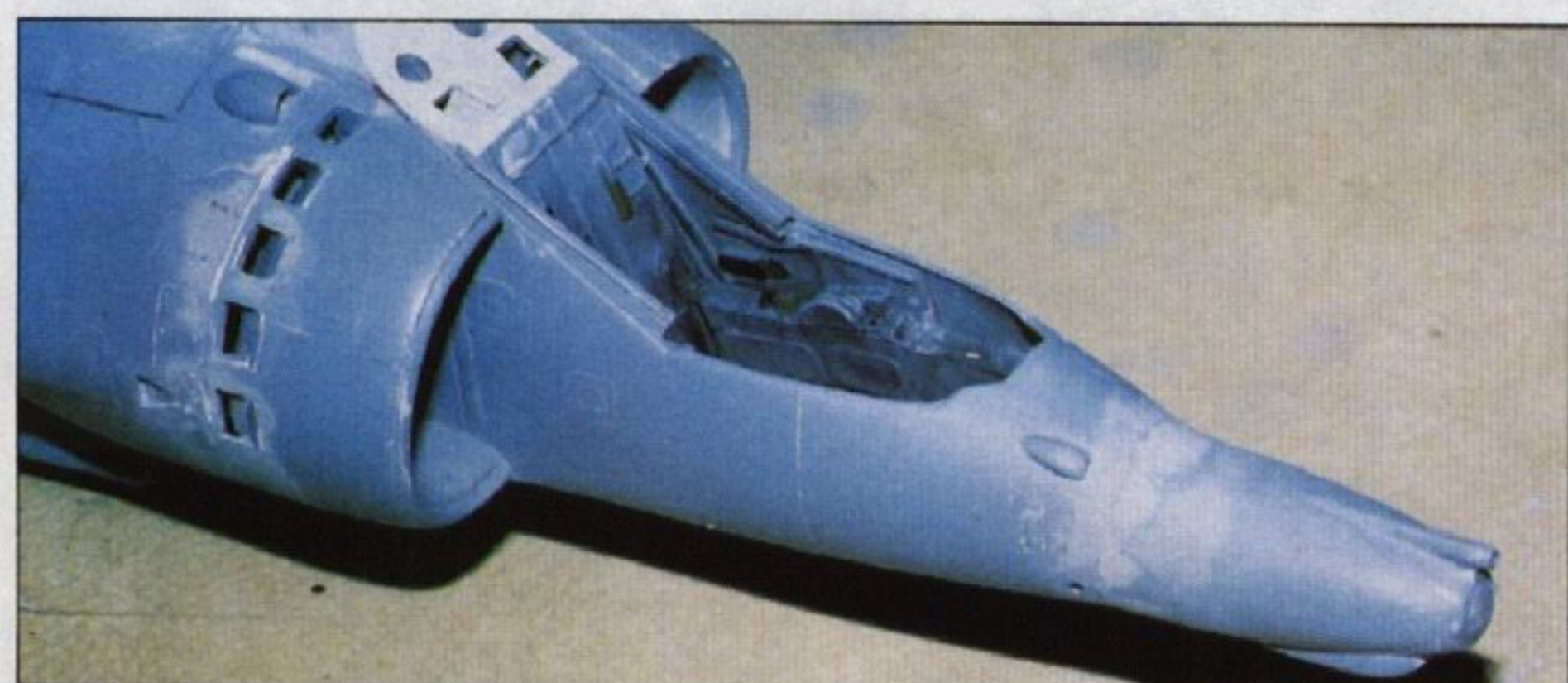
The seat is painted ready for inclusion



...sprayed with Medium Sea Grey



The whole model was sprayed in Halfords Grey Primer...



...and more



...followed by Xtracolor's Dark Green

the overlapping panel lines. This would be very noticeable in this scale, so digging out as many photographs as I could, I attempted to show this feature.

New panels were made from 10thou plastic card and gently sanded to reduce the height. Selected panels on the wing and fuselage were treated thus.

The solid navigation lights glazed areas were removed and replaced with coloured clear plastic. All 'gimmicky' moveable parts were glued on because I didn't want my flaps flapping around! All other parts were added in a normal type of sequence, almost as per the instructions (well they may have been, I'd mislaid them a long time before then). I did amend the intakes though, so that the upper doors prototypically drooped. Heritage do supply replacement intakes, but these, whilst very effective (and maybe more suitable in smaller scale) were not used. I simply drilled out the offending

plastic and replaced the doors with plastic card, you get a bit more control over the angle of their droop that way too.

The undercarriage units were built up, though I substituted the kit's awful (in my opinion) rubber tyres with newly moulded by Heritage, wheels. These are new moulds by Nick Greenhall of the Harrier SIG. These are superbly moulded with gentle 'flats' and tread. The brake and hub detail is cracking.

The gimmicky mechanics of the outriders mean that they should be retractable. I used this flexibility to ensure that all wheels touched 'terra firma', and superglued the units in place, when firmly placed on a flat surface.

Intakes

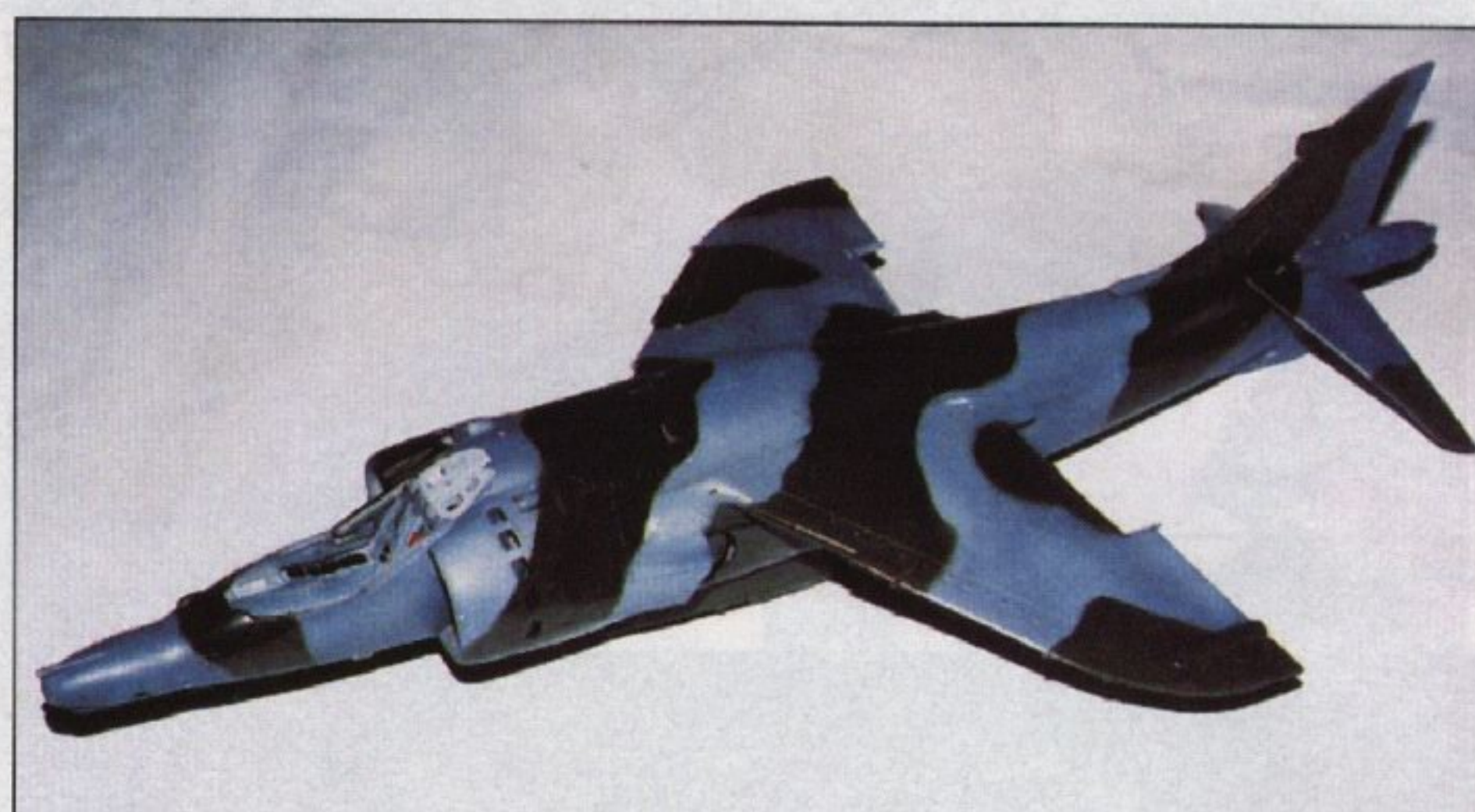
Harrier intakes have little auxiliary doors and the top four are always drooped due to the effects of gravity. Very few models (Hasegawa's GR.5 does, as do Monogram's 1/48th kits) have this feature. So any models of



...and more filler added as necessary



A good couple of coats of Humbrol Dark Sea Grey was applied...



All painted

Harriers should really be amended accordingly.

So, the doors were drilled out and shaped using my scalpel. I lined the doorways by adding thin plasticard strips. Drooped doors were made from thicker plasticard. This wasn't a difficult task but it was time consuming. The end effect is well worth it though.

Upper Engine Bay Cover

Again this was an appalling fit! Before fitting though, some upgrading is required. The original kit part features two outlets which featured on the early GR.1s, but was replaced by one immediately in front of the APU duct.

The two APU ducts are represented as solid plastic, so these were drilled out, plasticard was used to line the walls, and for the further forward slot, some representation of the innards was attempted, with 10 thou plasticard. The rear slot features a metal grill, I used a piece of etched grill I had in the spares box (but not

until after attempting to use a piece of net curtain - don't tell the wife but one of her curtains is missing a square inch of material!)

Also requiring building up here are the main gear bays. These would give the fuselage some rigidity and give the location points for the undercarriage units themselves.

My GR.3's identity

Bit of a famous bird this, and well photographed - XV778 'Red 16' was the chosen machine. This aircraft saw action in Belize (as a GR.1) as a part of the No.1 Sqn detachment in 1974 as 'Beech Buggy', with appropriate markings on the tail.

Converted to a GR.3 in 1976-7, a few years later and as 'Red 16' she was upgraded with chin mounted IFF transponder and 'Blue Eric' installed and sailed south on the ill-fated Atlantic Conveyor. Launched along with the other GR.3s and the replacement FRS.1s she saw extensive action in the South Atlantic.

I have also noted photographs of



All painted and ready for decaling...



Intake blanks were from plastic card

her in Norwegian Blue (sorry White!) arctic scheme!

Painting

A standard (if somewhat noticeably faded) RAF wraparound scheme of Dark Sea Grey and Dark Green was applied. I used my favourite paints (Humbrol and Xtracolor) respectively.

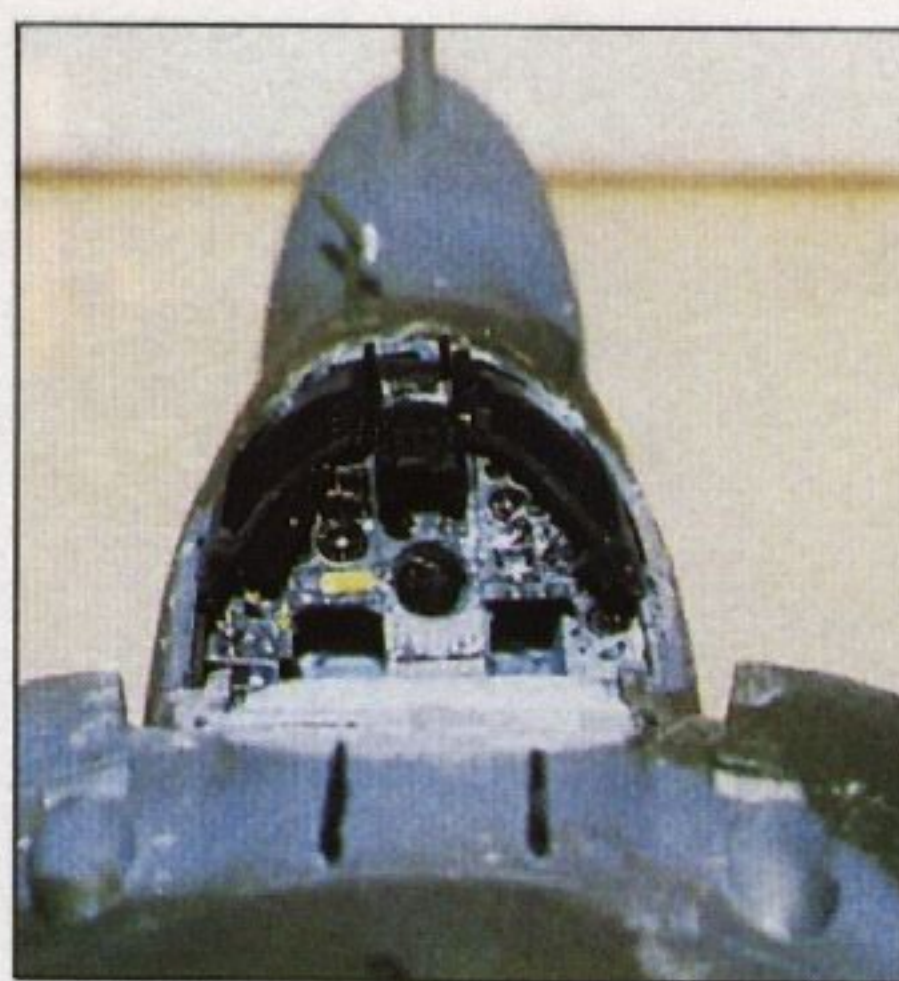
Pictures of the RAF Harriers on board Hermes show them to be particularly affected by the salty climate. Whereas the Sea Harriers Extra Dark Sea Grey (maybe not so much on the Medium Sea Grey SHARS) paint was formulated for such exposure, the GR.3's paint wouldn't have been. It seems that the grey areas are most affected, so these were lightened on my model by adding a little Medium Sea Grey.

Documentation of the GR.3 'land-lubbers' is not as abundant as that of the Sea Harriers so a bit of digging was required. One thing that was readily noticeable from any photographs of GR.3s on board

HMS Hermes was the faded/battered nature of the paintwork. These aircraft were of course not meant to live on the deck of a heaving aircraft carrier at sea in the middle of a South Atlantic Winter!

Also very noticeable in any photographs of the GR.3s are panel lines/access hatches plastered with filler of some sort, to stop salt water spray ingress maybe? Using a bit of lateral thinking I decided that this would probably be Gloss Extra Dark Sea Grey paint, the same stuff that the Sea Harrier's bellies were painted in. I raised this as a query on the IPMS Harrier SIG Website and it seems that this 'filler' had most likely been applied prior to being ferried south which that scuppered that theory! It also transpired that the colour of this stuff was glossy Dark Green or just a clear paste! Interpretations on a post card please...

To achieve this tatty finish the whole model was painted in Halford's Grey Primer. This had



Ready for the seat and 'glazing'



Seat and coaming added



Canopy being 'dry fitted'

two purposes (i) to tidy up the surface and (ii) to give the base colour, it being a good representation of the faded colour of Dark Sea Grey.

When happy with the base colour, a couple of coats were required, with a bit of additional filling here and there, the rescribed panel lines (those lost by the rivet hiding sessions) had black/dirty thinners applied.

I then sprayed Dark Sea Grey (Humbrol No 164) sparingly over the model with a thicker/denser application over the main panel lines. Once dry the grey areas were masked. I used clear backing paper on paper cut-to-templated shapes and Blu-Tacked them in place which gave the nice in-scale feathered edge. This time I used Xtracolor's Dark Green (with a few panels painted in Humbrol's Dark Green [No.163] to give a bit of variety). When dry a drop of white was added to the mixtures and the central portions of the individual panels given a 'faded patch'.

Stores & Weapons

Ideally I would have liked to have put some CBU cluster bombs, or a pair of SNEB pods on my GR.3. I had none though of the former, and the latter supplied in the kit were the wrong type, being RAF SNEB pods. The Task Force GR.3s used RN pods as the RAF type caused some kind of IFF (Identification Friend or Foe) electrical interference when on deck and on approaching - not desired! I therefore resorted to the 1000lb-ers in the kit. An attractive and different fit-out would have been as per the delivery flight from Ascension. This had the big 330 gallon 'ferry' tanks on the inner stations, standard 100 gallon 'combat' tanks on the outer pylons, and additionally the IFR probe. The larger 'ferry' tanks were dropped prior to landing, and it was this scheme that had been considered, I'm saving that scheme for a 1/48th GR.3.

The kit's Aden pods were used, and had already had some detail added, particularly around the



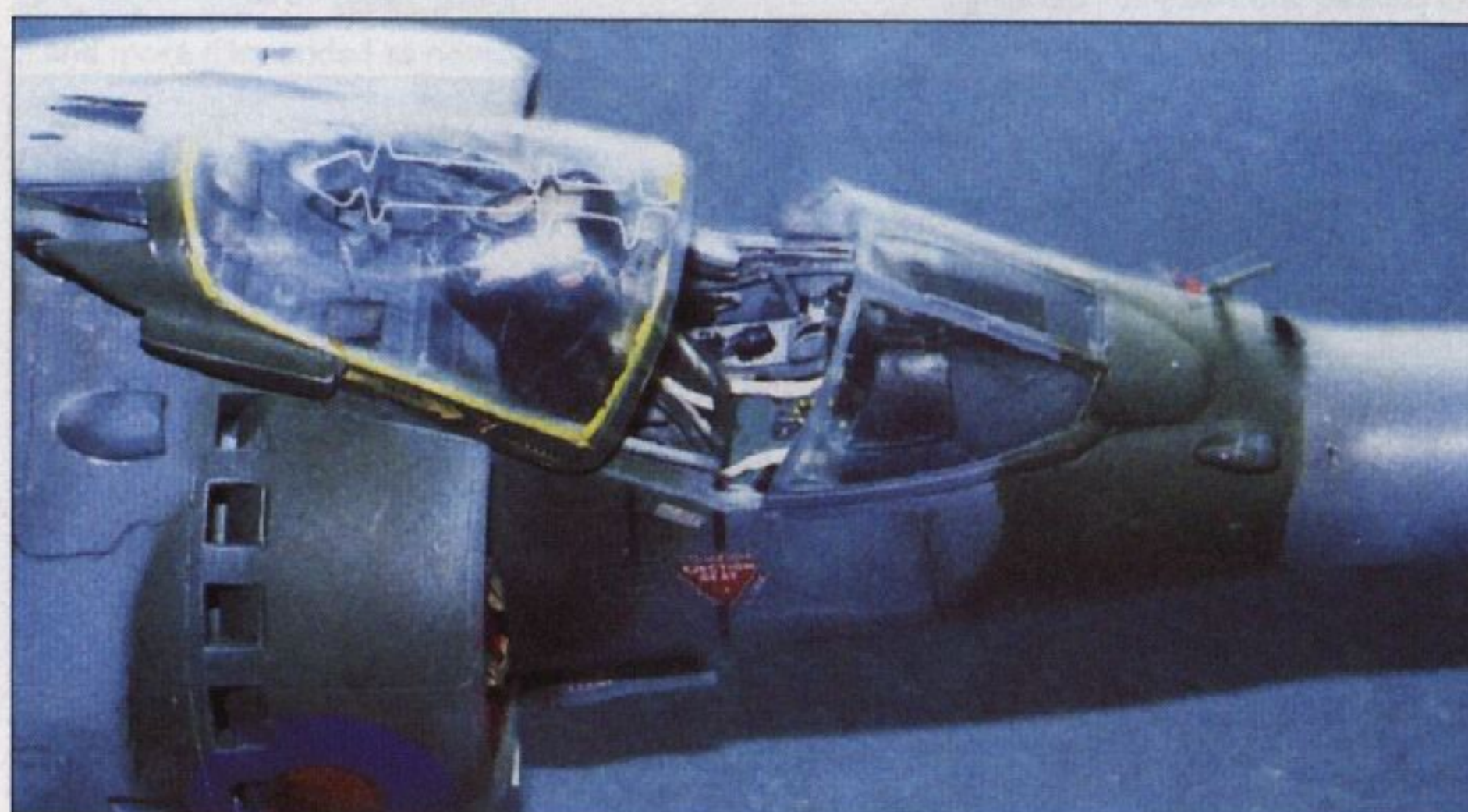
'Blue Eric' being retro-fitted - bit prototypical that!



Port wing stores, and 'sealed' upper wing panels



The finished model on a map of the Falklands at Yeovilton



The office, note the fuse wire MDC in the canopy



muzzle. This was before I had a pair of the new improved sets from Heritage. Some GR.3s had their starboard Aden pod hastily amended to include radar jamming equipment and christened 'Blue Eric'. Heritage's set includes the additional parts to convert the Aden to this.

'Red 16' was thus fitted, so I amended the gun pod accordingly by adding the 'bulb' underneath and the new muzzle cap.

Decaling

All from the box, except the aircraft's individual identity. Serials were from Modeldecal and the Red '16's' on the fin and yellow on the out-riders were simply white numerals over painted in their appropriate colour.

Finals

The cockpit coaming, I had added as much detail as I could onto both the kit's basic parts. I used Milliput, plasticard, plastic rod, fuse wire, anything appropriate to the need in

hand, and an ejection seat was added. This was followed by the windscreen. This caused a few problems in that the windscreen wiper unit housing (the bulky round thing at the front) wouldn't conform to the contours of the nose. Milliput (once more!) saved the day though I had a difficult local re-painting job to perform.

The canopy seemed a little flimsy, so I decided to strengthen this by adding a plastic card frame, both internally and externally. I also attempted to add the very prominent Miniature Detonation Cord (MDC) and once again Nick Greenall came up trumps with a 'fuse wire' MDC which was superglued in place.

Scale Modelworld (SMW)

You may recall that I had six months to finish this beastie off, well, 'Red 16' made it to Telford, but without being 100% complete. I did spend a few sessions over the next weeks to tidy up the odds and ends.

She did take her place at Yeovilton's

Model Show in February, for the 21st Anniversary(?). The SIG's stand was placed rather appropriately in the Concorde Hall not too far from the real/replica Sea Harrier XZ493. And the SIG stand was awarded the prize of best club/SIG stand. (This followed Silver at Telford's SWM last year; well done Nick!)

Conclusion

For me, the building of this model will be ranked up amongst the all-time memorable modelling moments of mine! Due to its sheer size, and the work involved in bringing it up to scratch it's not a model you can build in a couple of days or weeks.... Well, I suppose you could if you didn't have a couple of dozen other modelling projects on the go at the same time and didn't have a life outside of modelling (I do honestly, but only at weekends - don't call me Shirley!)

This kit ISN'T for the faint hearted. It's not that the fit's bad,

although in some areas this is the case, remember it's a 30 year old kit though!

You will need space to display the thing, you'll need a lot of room to build it too. It WILL take over your life for a while!

But, look at it! Look at the finished Harrier in this scale... Spectacular or what?

Wonder if I can squeeze in a No.800 Sqn Sea Harrier as well?

Bill 'Superkit' Clarke

Thanks to EVERYONE at the SIG who helped, especially Nick Greenall, Stu Fone, Alfie Bass, Blue Eric(!), all that answered questions on colours, fit-outs, stores, crew access ladders(!). I think though that we may have more questions now than answers!... Thanks especially to Trevor Snowden at Airfix for donating the kit to the cause; thanks to Airfix for reissuing it, and of course for tooling the Sea Harrier, and more thanks to Trevor for his persistence with his bosses, in getting them to fund these models.

Any Harrier fans wanting to join the Harrier SIG check out the website at www.Harrier.cz.org

Leading Edge models **The best in Canadian decals.**

Cdn Civil C-47 / DC3 Part 1
NORTHWEST TERRITORIAL
439 Squadron Tiger Meet Special 1992
CL215 & CL415 Fire Bombers of Canada
262 Ontario C-GDRS
www.lemdecal.com

COMET MINIATURES
44-48 LAVENDER HILL, LONDON SW11 5RH
Phone: 0207 228 3702 Fax: 0207 924 1005
Shop Open 9am to 5pm
E-mail: info@comet-miniatures.com www.comet-miniatures.com
WHY NOT TURN YOUR LOFT INTO CASH? COLLECTIONS BOUGHT AND SOLD, IN PARTICULAR WE SPECIALISE IN WWI SUBJECTS

| | | |
|---|--|------------------|
| EDUARD 1/48 | Phönix D11 | £ 9.00 |
| Albatros CIII | Phönix D11 (Naval) | £ 9.60 |
| Morane Saulnier L | REVELL 1/72 | |
| Morane Saulnier N | Blohm & Voss BV P-194 | £ 9.00 |
| Fokker DVI | F101 Voodoo | £ 7.50 |
| Nieuport 17 (French) | ME P-1099 B/I | £ 9.00 |
| SWORD 1/72 | ME P-1099 | £ 9.00 |
| Hurricane Mk1 (Fabric Wing) | ME 210 A-I | £ 9.00 |
| Northrop N9 Flying Wing | Dornier Do 217 K-I | £ 7.50 |
| V-173 Flying Pancake | H.P. Victor K2 | £ 13.00 |
| RODEN 1/48 | V. Wellington Mk XXIV | £ 10.00 |
| Sea Gladiator | 1/96 Saturn V (48 hr delivery only on this item) | £ 50.00 |
| Gloster Gladiator Mk1 | REVELL 1/48 | |
| Sopwith 1 1/2 Strutter (s/seat bomber) | TBD-1 Devastator | £ 23.00 |
| Sopwith 1 1/2 Strutter (2 seat fighter) | (with Historical Book) | £ 15.00 |
| RODEN 1/72 | F105-D Thunderchief | £ 23.00 |
| Albatros DIII | F105 F/G Thunderchief | £ 25.00 |
| Albatros DV/DVa | (with Historical Book) | |
| Bristol Fighter | F9F-5 Panther | £ 15.00 |
| Fokker DVII (early) | (with Historical Book) | |
| Fokker DVII (late) | F117-A Stealth | £ 18.50 |
| Fokker DVII (OAW early) | (with P/E metal parts) | £ 14.00 |
| SE5a | B-25J Mitchell | £ 17.00 |
| MAC 1/72 | B26 B/M Marauder | |
| Roland DVIa | F102 Delta Dagger | |
| Roland DVIb | Special Offers for WWI buffs!! | |
| Phönix D1 | Blue Max 1/48 Roland CII Was £25.00 | Now Only £ 15.00 |

48 Hour Delivery - £7.50 • 24 Hour Delivery - £8.50 • MINIMUM CREDIT CARD ORDER VALUE £10.00
UK POSTAGE RATES: 1 Kit £2.50, 2-3 Kits £3.50, 4 or more £4.00 OVERSEAS: Europe - Add 25%, Rest of the World - Add 45%

Belcher Bits 33 Norway Spruce St Stittsville, ON, Canada, K2S 1P3

Liberator GR V/VI Dumbo Radome & Leigh Light (1/48)

This set provides alternate nose or belly radomes for Coastal Command GRV or VI, and a wing mounted Leigh Light with clear dome and lens.
Product No. BB16: \$Can 14.99

NEW

RAF Small Bomb Containers (SBC) (1/48)

This package provides a set of 12 SBCs loaded with 4 lb incendiaries as a typical load (along with a 4,000 lb 'cookie') for a Lancaster. Also carried by other RAF bombers.
Product No. BB17: \$Can 14.99

Many other products available; Check out www.belcherbits.com for details or e-mail info@belcherbits.com
Phone +1(613) 836-6575, Fax +1 (810) 963-2189
International orders welcomed; Visa or Mastercard accepted

Visit us at IPMS UK (Telford) this November!

WWW.AVIAPRESS.COM

The unique selection of Russian and Eastern European plastic model kits, accessories, military/aviation illustrated books and magazines.

Aviapress Top Sellers:
Amodel 1/72 Sukhoi T-4 Sotka
Mach-3 bomber, Amodel 1/72 Tupolev Tu-95
Bear strategic bomber, Amodel 1/72 Yakovlev
Yak-28PM Soviet cruise missile killer, OKB 1/144 Ilyushin
Il-76TD Soviet four-engined heavy commercial and military freighter,
OKB 1/144 Tupolev Tu-16 Badger jet bomber etc.
Also Equipage Rubber/Resin Wheel Sets, Moskit Metallic Exhaust Pipes for aircraft/armor model kits and Interavia Photoetched Parts.

<http://www.aviapress.com>
e-mail: contact@aviapress.com
fax: 1-303-474-69-20

Cammett Ltd

AMAZING IWATA OFFER!
10' braided air hose £295.00
conversion cup set RRP £308.58
Iwata SBS airbrush
Iwata Sprint Compressor with upgrade

Suppliers of modelling accessories.
Airbrush servicing.
Stock includes Iwata, Badger and Aztek airbrushes. Airbrush spares & compressors.
Major range of Humbrol enamels.
Lifecolor Acrylics, Tensocrom weathering effects and Alclad 11 lacquer metal effects.

Contact us for MAIL ORDER, or see us at a show near you.

Adlen House, Eardisland, Herefordshire,
HR6 9BD Tel/Fax: 01544 388 514
email: cammettco@btopenworld.com

CZECH - SIX Publications

Aircraft profiles from Publications MBI:

| | | | |
|---------------------------|-----------|---------------------------|-----------|
| Curtiss P-40 | at £7.40 | Henschel Hs 129 (revised) | at £6.50 |
| Republic P-47 Thunderbolt | at £7.40 | Focke-Wulf Fw 189 | at £6.50 |
| Avia B-35 / B-135 | at £10.90 | Polikarpov U-2 / Po-2 | at £10.50 |

New!!! Northrop P-61 Black Widow/F-15 Reporter at £10.90
(Northrop's rugged nightfighter and its variants - All MBI titles have full text in Czech and English, they include detail and scale drawings and colour artwork, including cockpit colour art or photos.)

AIMS Resins - 1/72 Scale Replacement and Conversion sets
Exclusive to Czech-Six Publications, AIMS white metal and resin replacement and conversion sets (post and packaging inclusive - UK only)

| | | | |
|---------------------------------|-----------|-----------------------------------|----------|
| Conversion sets - New !! | | Replacement sets - New !! | |
| Junkers Ju 88 A0 | at £8.90 | Jumo 213 "open cowl" | at £6.10 |
| Junkers Ju 88 A5 | at £8.70 | Mk 8 ETC bomb racks | at £3.20 |
| Junkers Ju 88 D6 - Mistel | at £12.70 | Pilot Seat - late style Ju 88 etc | at £1.00 |
| Junkers Ju 88 H1 | at £15.20 | He 111 H10 - large spinners | at £1.00 |

Send cheques only please with order, (add £0.60 per book for post and packaging, overseas rates on request), made payable to Czech-Six Publications, at 48 Station Road, Stoke D'Abernon, Cobham, Surrey KT11 3BN

Telephone: 01932 866426 Fax: 01932 867099
Website: www.czechsixpublications.com

HALIFAX MODELLERS WORLD
55 The Arcade, The Piece Hall, Halifax, HX1 1RE. Tel:01422 349157

A Selection of Recent Arrivals

| | | |
|--|--|--|
| Classic Airframes 1/48 Gloster Meteor F8 £29.95 Hurricane Mk I RAF £24.99 Hurricane Mk I Foreign £24.99 Savoia Marchetti SM79 Late £39.99 | Special Hobby 1/72 SH7230 Fairey Firefly Mk1 £11.90 | Roden 1/72 Bristol F2B Fighter £TBA Albatros WF Late £TBA RAF SE5A £TBA Albatros DV IV £TBA |
| Airfix 1/144 Vickers VC10 £8.99 | Tamiya 1/48 Dornier 335 Heavily Armed £29.99 Me 262-1a £24.99 | Roden 1/48 Gloster Sea Gladiator £19.99 |
| Eduard 1/48 Lysander Mk III Profi £27.90 | Revell 1/72 Victor K2 £12.99 | Trumpeter 1/48 TP48817 Savoia Marchetti SM79 £29.95 |
| Hasegawa 1/48 F-8 Crusader £23.99 | Revell 1/48 B26 Marauder £13.99 Henschel Hs129 B-2 £13.99 | Grand Phoenix 1/48 KT00348 NA FJ 4B Fury £36.99 |
| Special Hobby 1/48 Polikarpov I-15 £14.99 SH4811 Sopwith Tabloid £14.99 SH4814 DFS 230 £TBA | Hobbycraft 1/48 YP59 Airacomet £21.95 P59A Airacomet £21.95 | Monogram 1/48 6868 F105 F/G Thunderchief £22.99 |

This is only a small selection of our extensive stock. If you can't see what you want here, just call us or call in.
Open Mon, Tues, Thurs, Fri 10.30 - 17.30, Sat 9.30 - 17.00, Sun 10.30 - 16.30. Closed Wednesday.
Mail order (UK only) a pleasure. Just add 10% to order value

Tel/Fax 01422 349157

The Alternate RAAF & RAN Fleet Air Arm
Australia's Little Asian Wars 1951-1975

The latest alternate history book
by John Baxter

Also available
The Alternate Luftwaffe
Tragerflotten
Tragerflotten Data Book

jjbaxter@techinfo.com.au
23 St. George's Road South,
Fitzroy North, Victoria 3068, Australia

John Baxter



Quick Build

Yak-18 Max

by David Francis

1/32nd Scale

Manufactured by



Imported in UK by



When I first heard that this was to be Trumpeter's next release I was a bit puzzled, a Yak-18? What the hell is that and who could possibly want a kit of it? On investigation I could not believe how little information there was on an aircraft that must be one of the most prolific types in the world with nearly 9,000 of all variants produced to date. The Yak-18 first flew in prototype form in 1945 and entered production in 1947. Through many variations it is still in production today as the Yak-50/52 and in China as the CJ6.

The Kit

This kit represents the very earliest model with an M11 engine in an unusual star-shaped engine cowl, which changed on later models to a more conventional radial engine and cowl, and I would guess by the layout of the moulds we can expect more issues of this kit to represent the later types in due course.

On opening the box I was very impressed with the quality of the parts included; the main three sprues are moulded in light grey plastic which show a mix of fine recessed and raised details, and the engine is moulded on a sprue in

gunmetal colour plastic and must be one of the finest renditions I have seen in a plastic kit.

The clear parts supply the landing lights and canopies but also a duplicate of the grey engine cowl leaving you with the option of producing a museum-style model showing off that superb engine. Also included are an etched brass sheet, a number of metal rods, some rubber tyres and finally a photographic film for the instrument details.

The instructions are supplied as a 12-page booklet, which shows clearly the sequence of construction and also a detailed

painting guide that I was very grateful of in view of the lack of information I could find on the real aircraft.

I could not wait to get started on this kit but would it build as good as it looked? Read on.

Yakovlev Yak-18/Nanchang CJ-5

Scale: 1/32nd

Kit No: 02213

Price: £29.95

Panel Lines: Recessed ✓

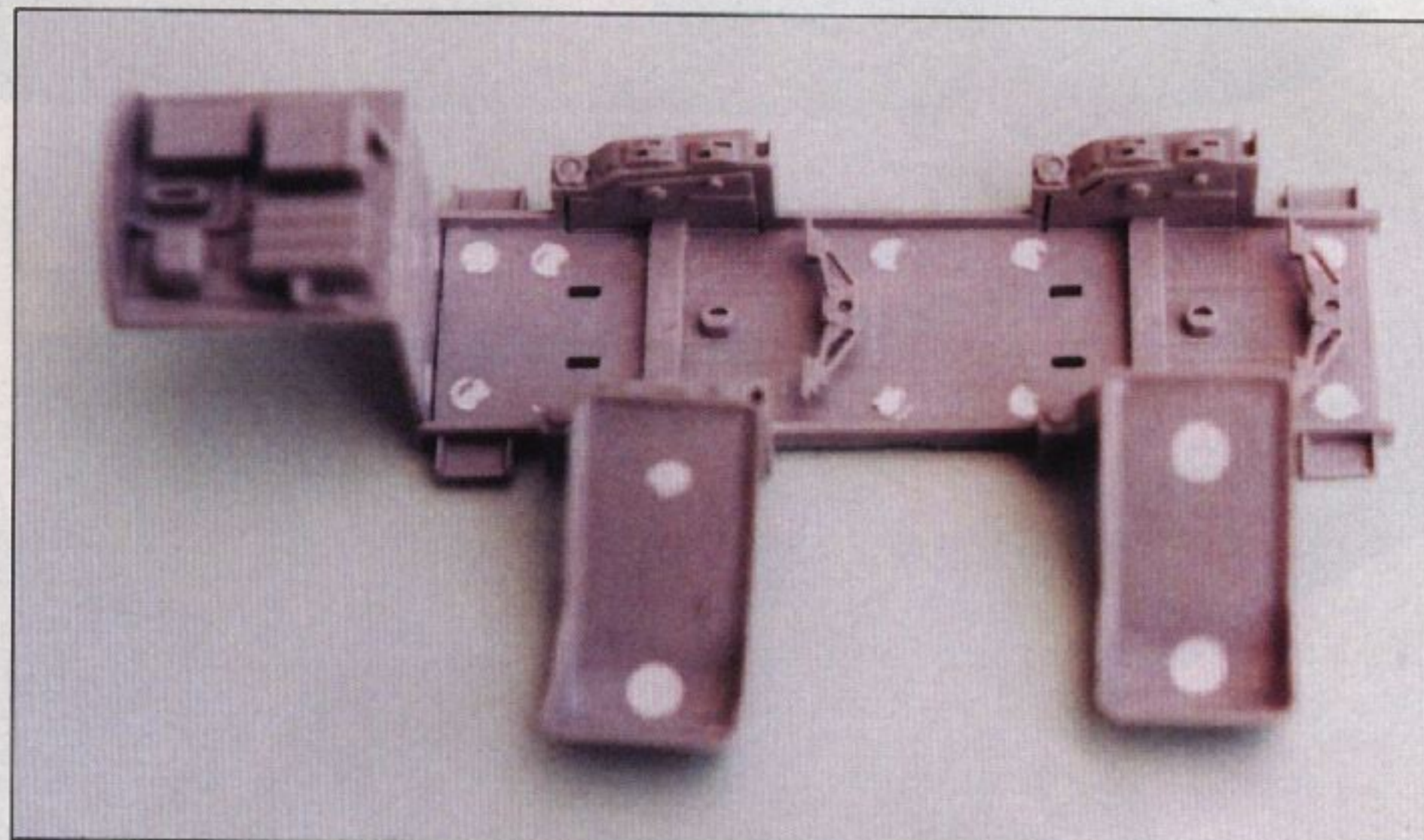
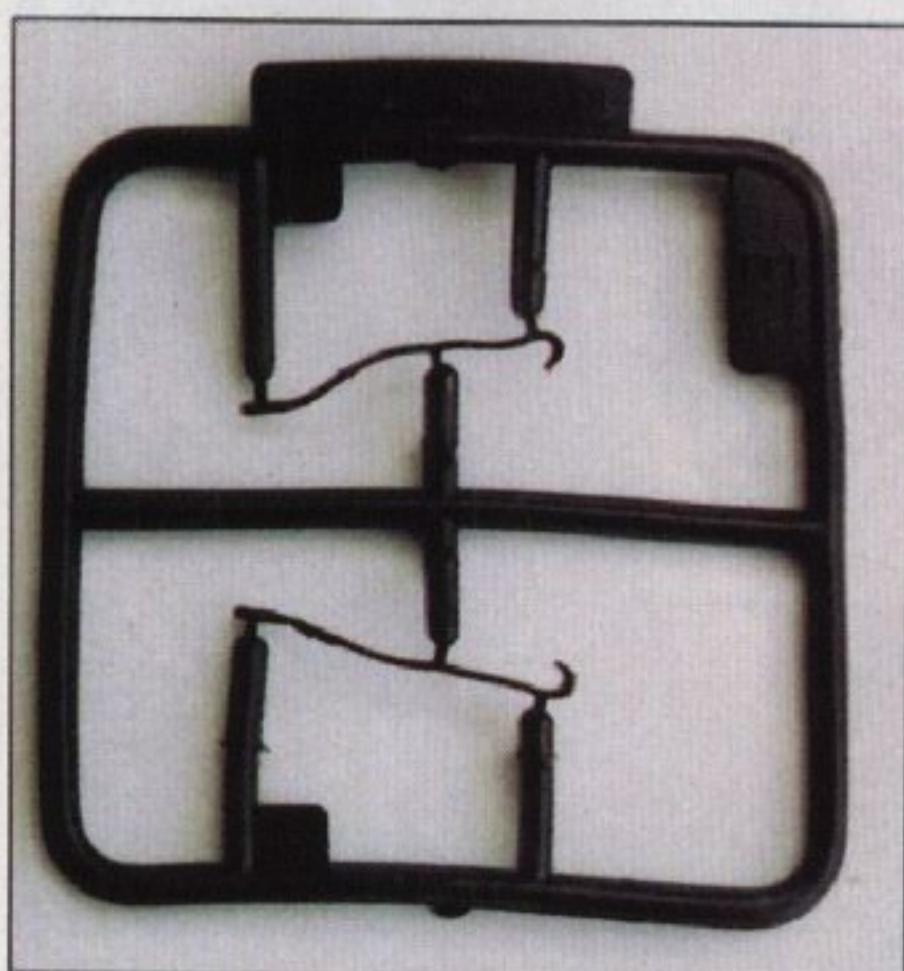
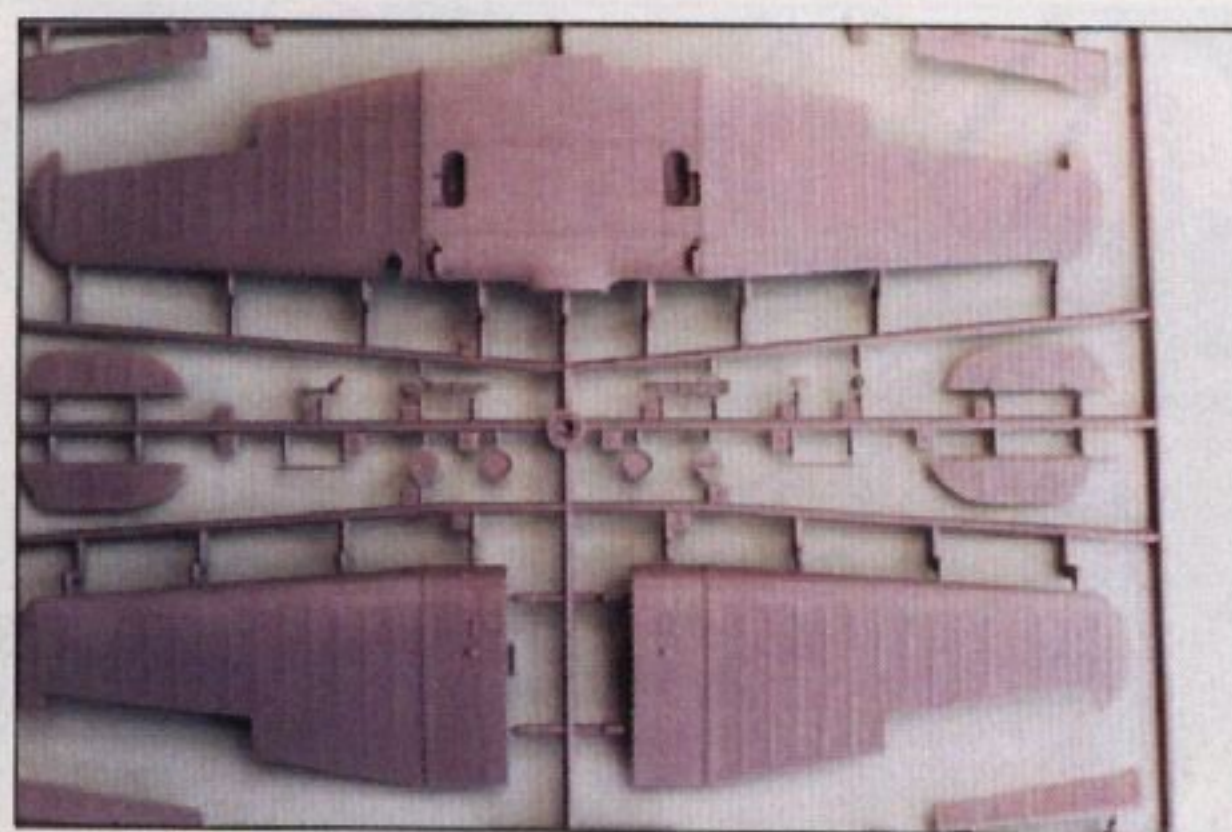
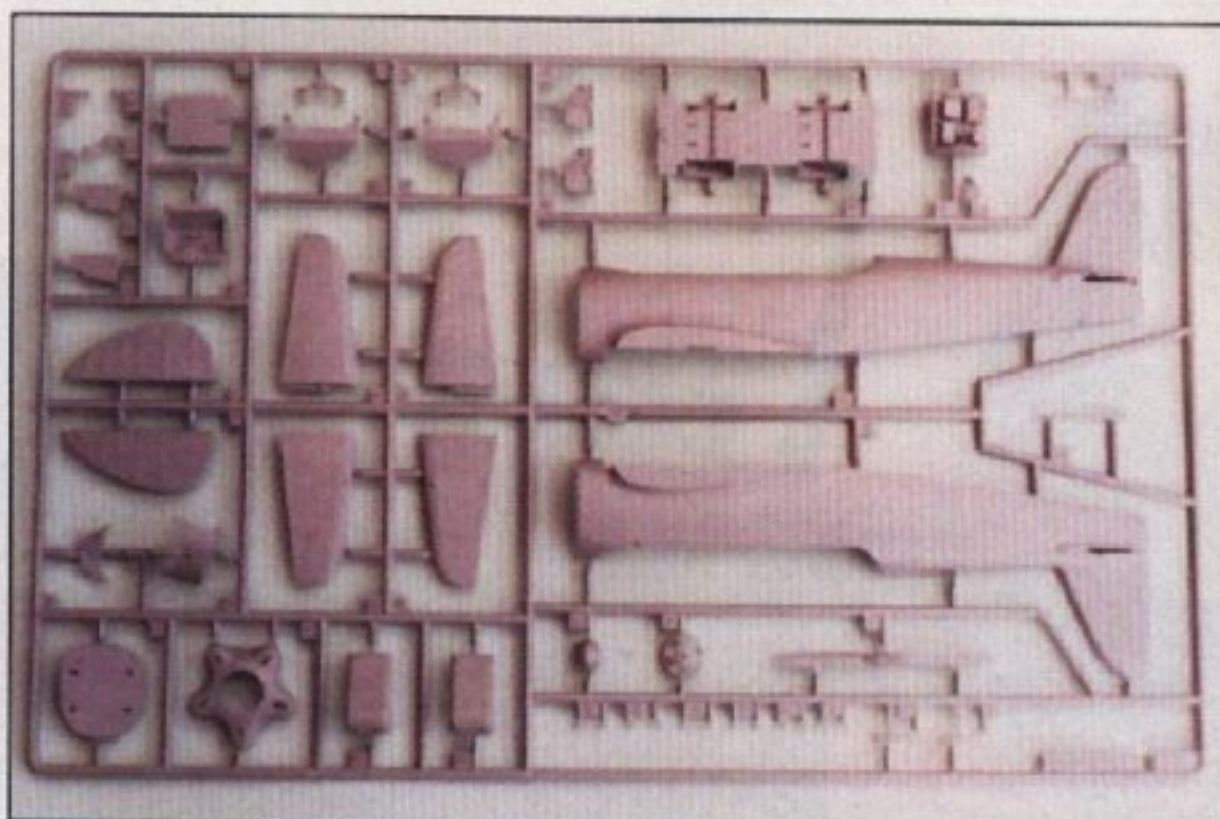
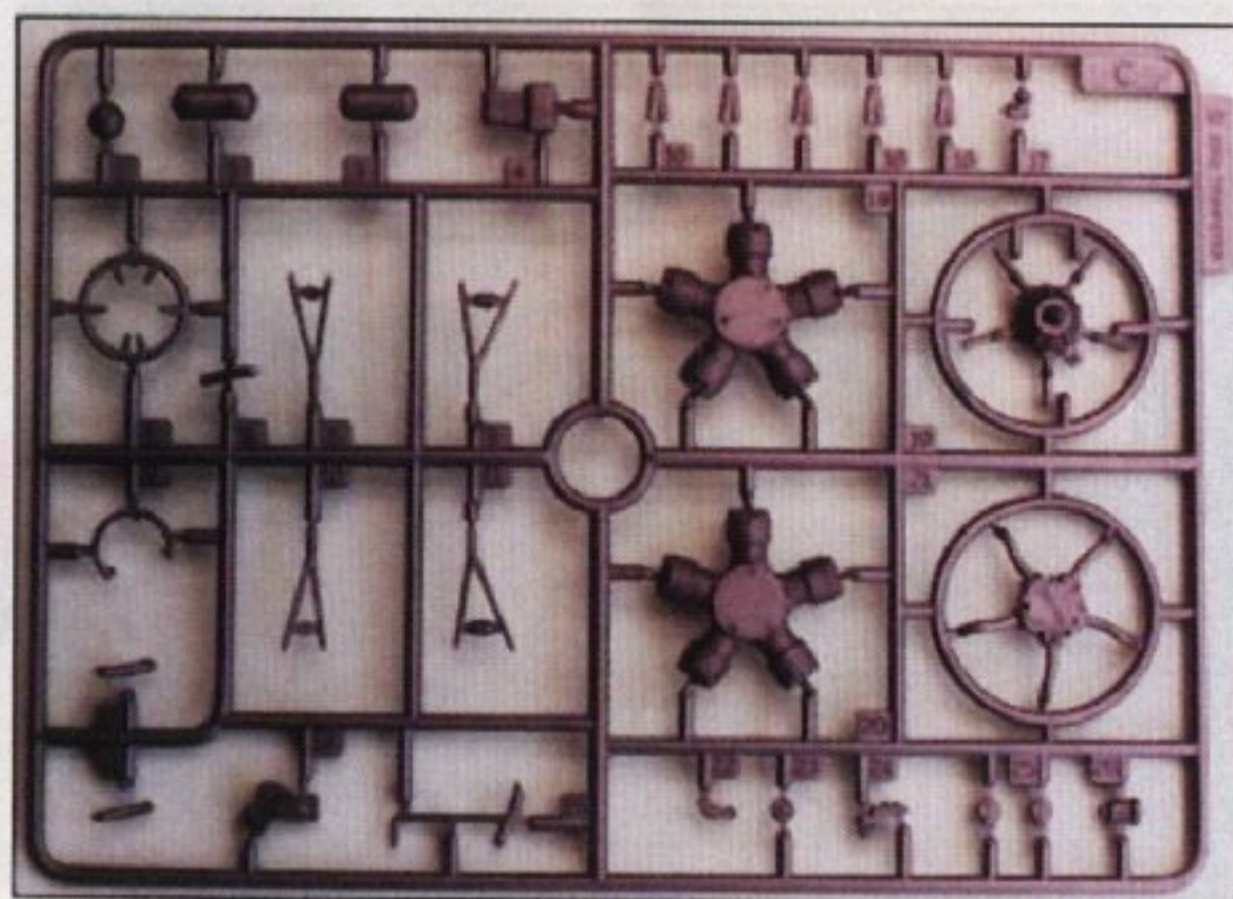
Status: New Tooling ✓

Type: Injection Moulded Plastic, Resin, White-Metal & Rubber

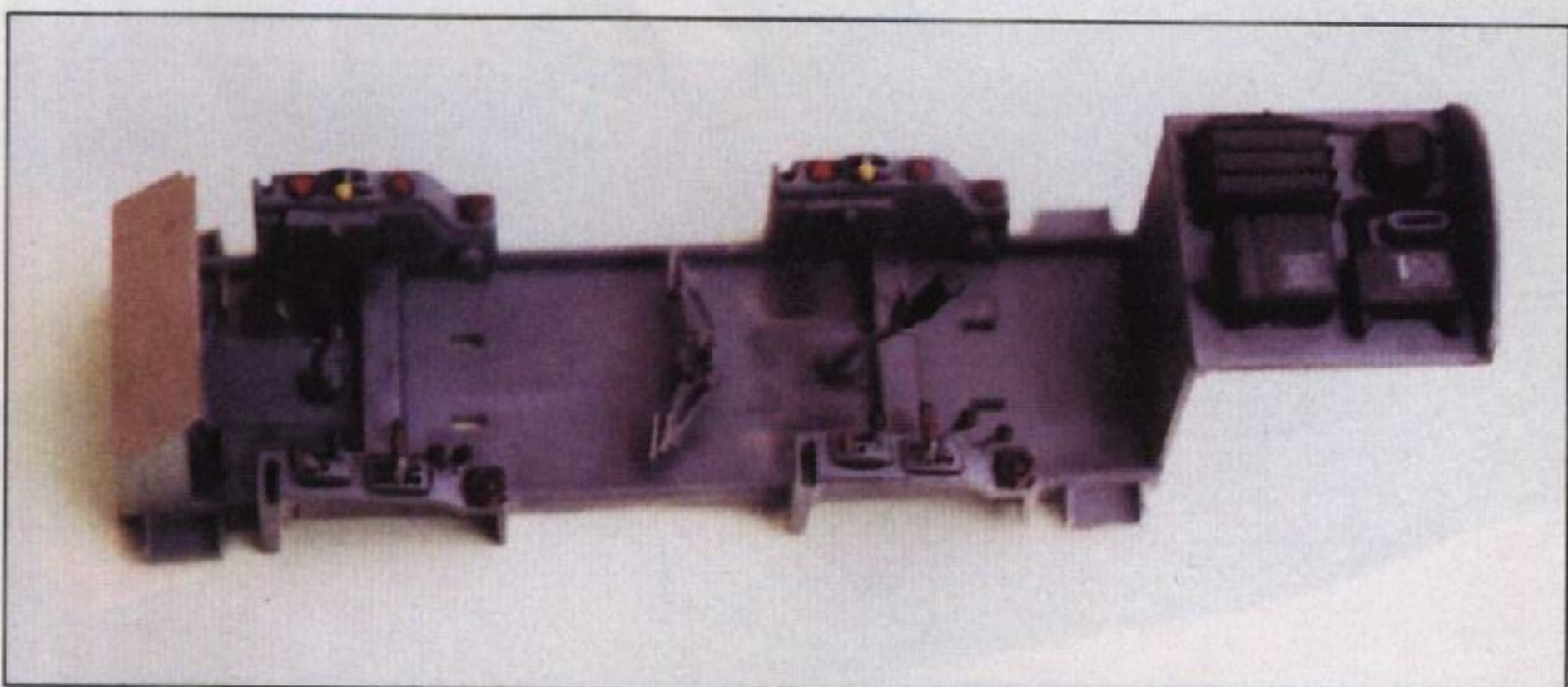
Decal Options: 2

Manufacturer: Trumpeter

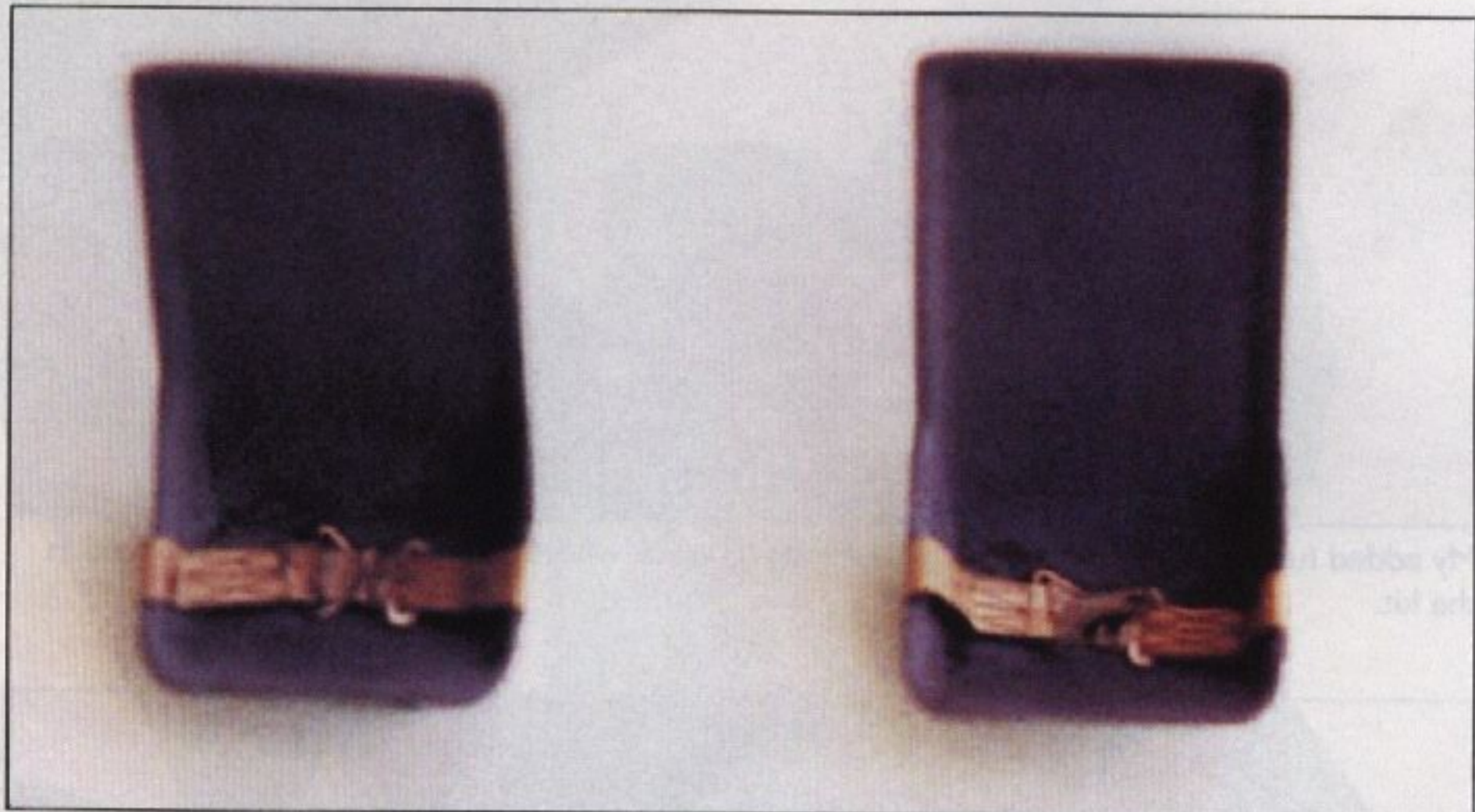
UK Importer: Pocketbond Ltd



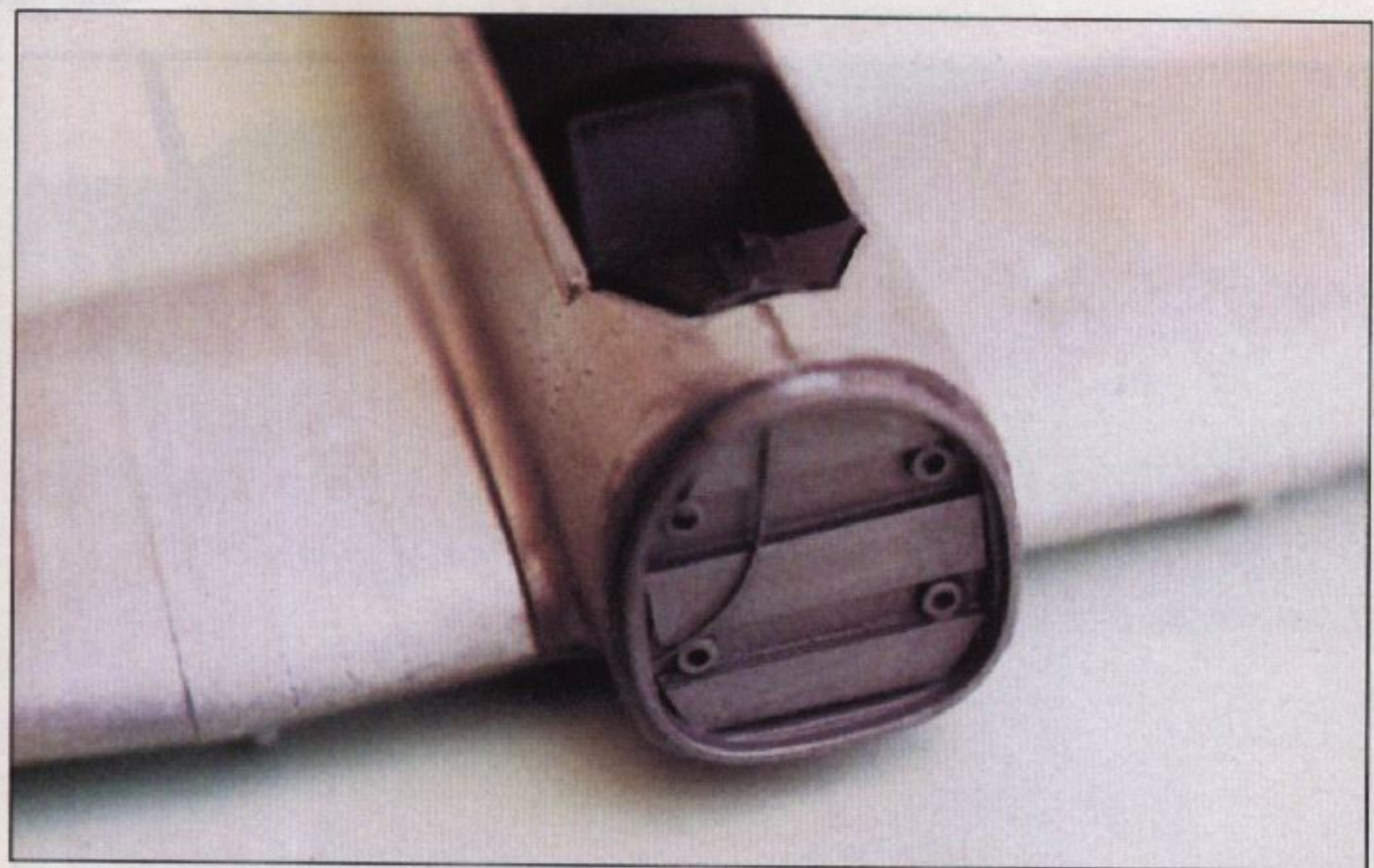
There are a few small sink marks in the cockpit area that you must deal with before painting can start



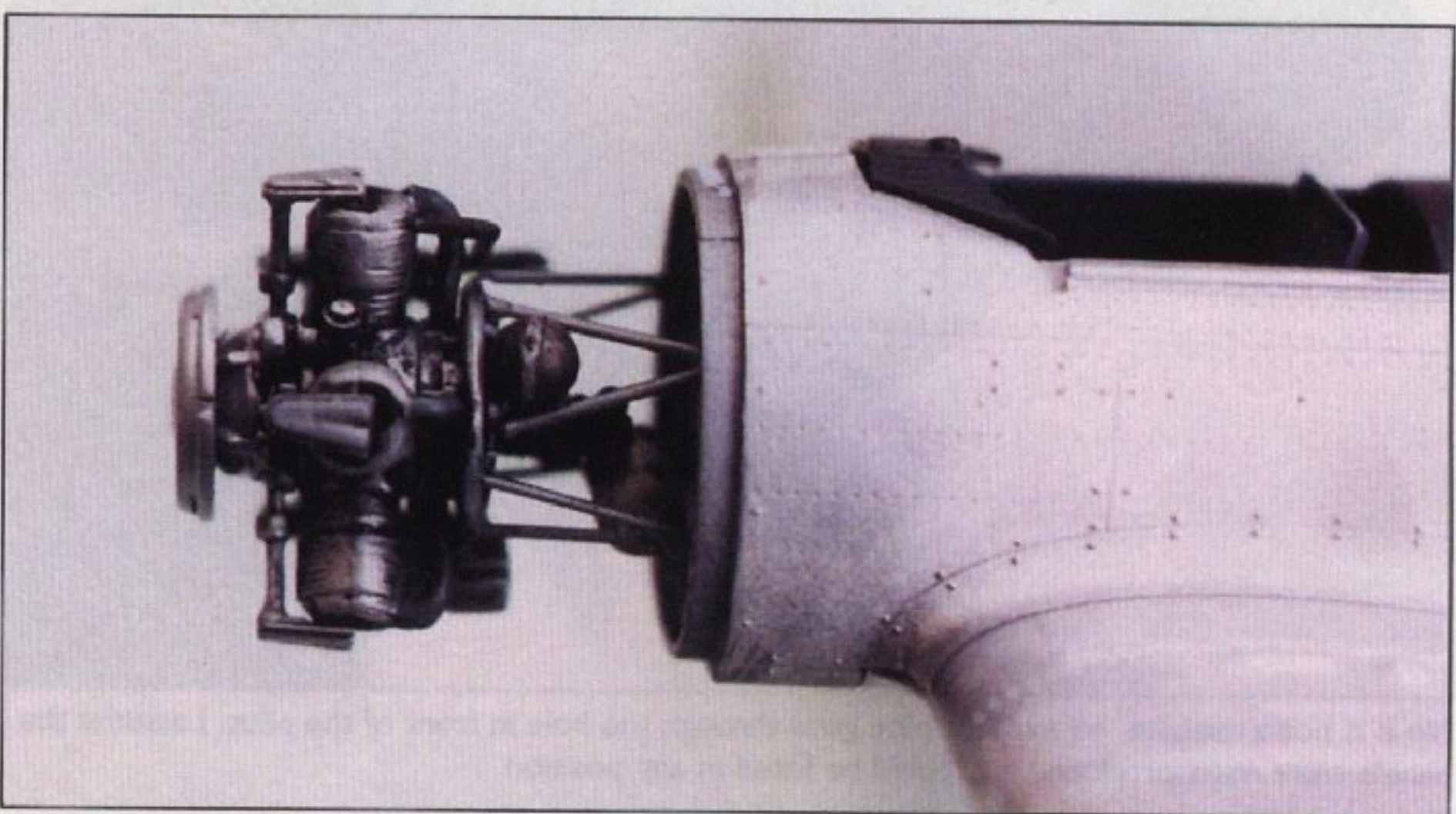
The completed cockpit using the colours recommended by Trumpeter



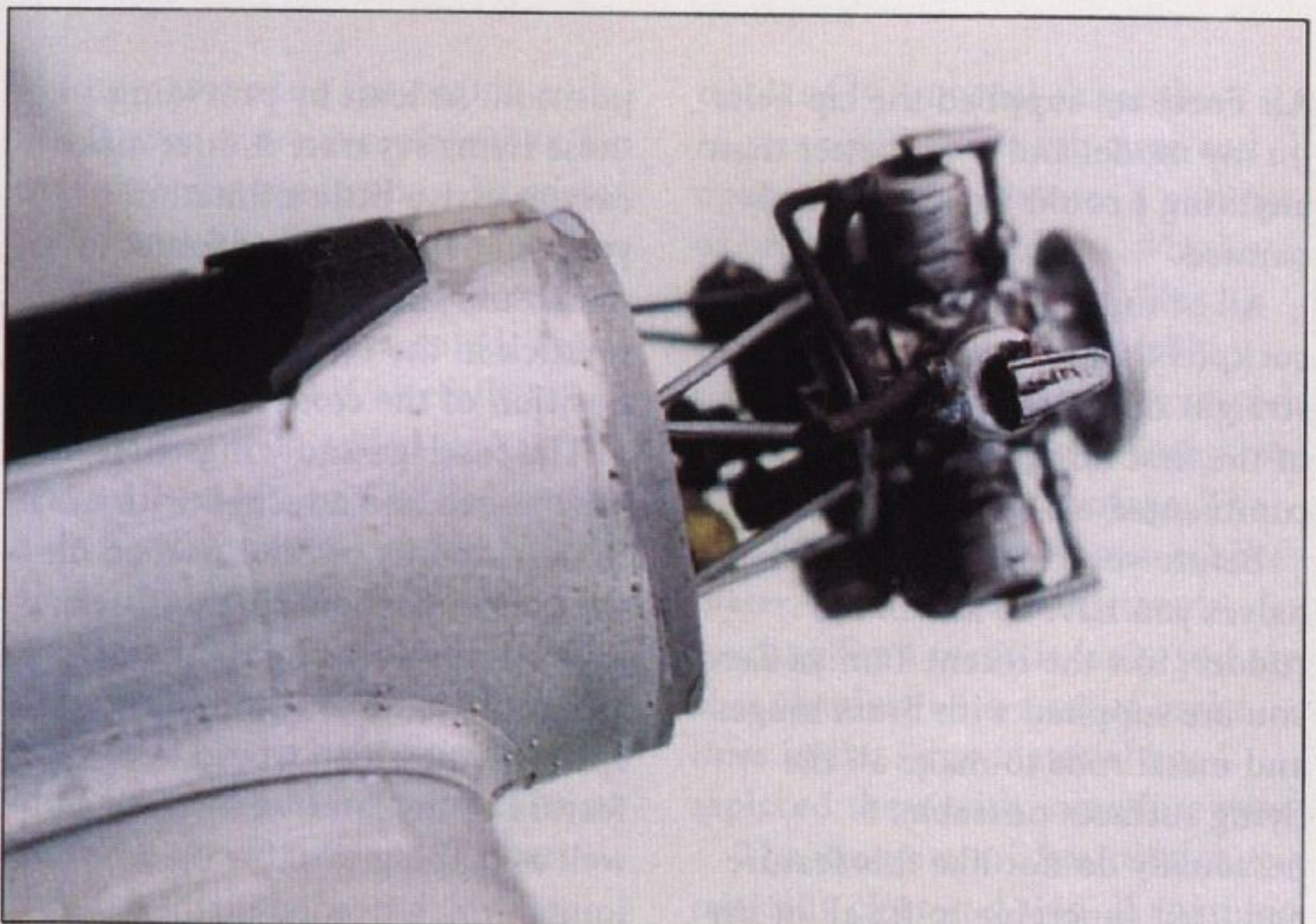
Eduard pre-painted seat belts are so much easier than making from scratch for kit stickers like me



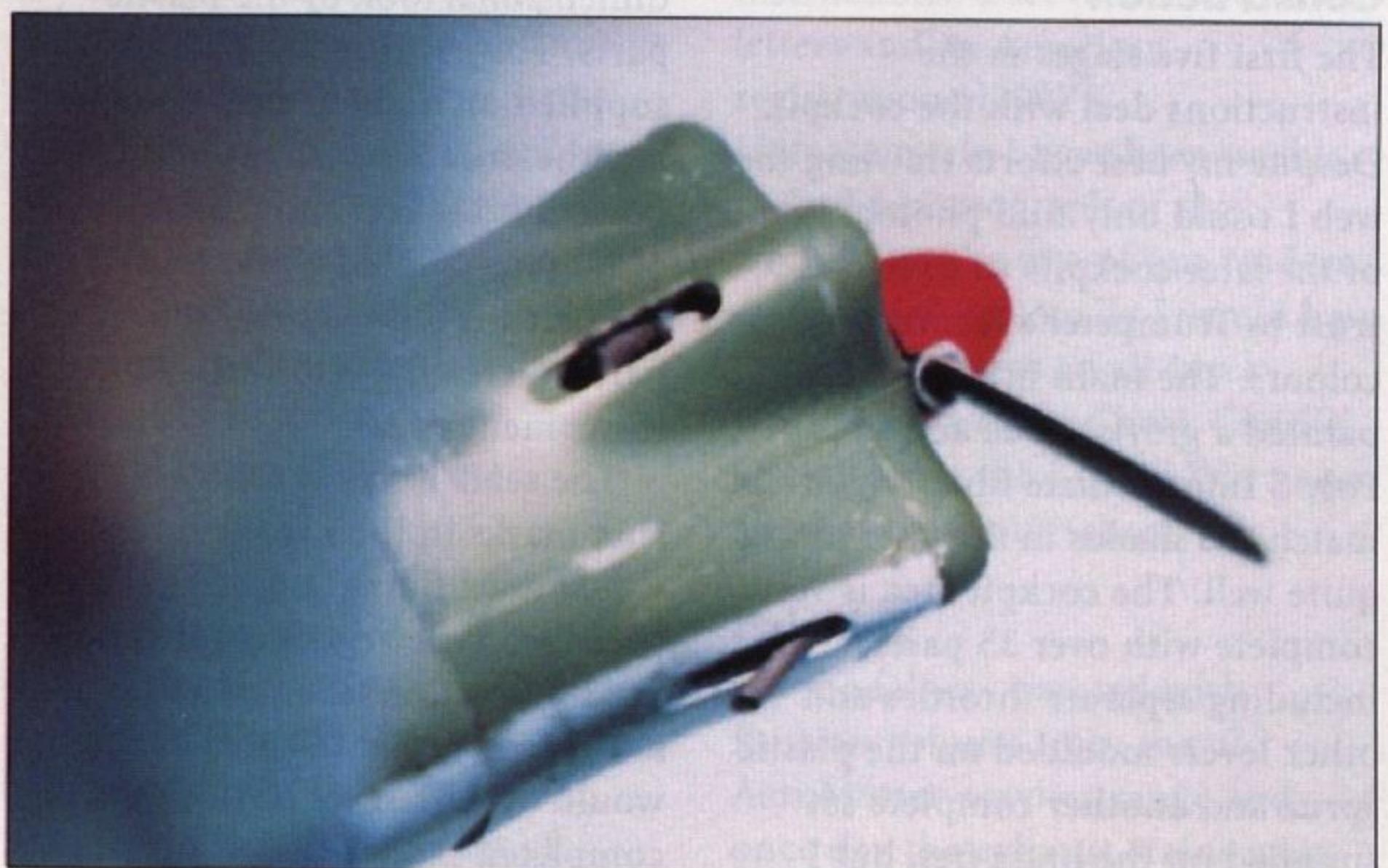
The three plastic card ribs hide six hard-to-get-at sink marks. In the end I did not use the clear cowling so I could have left this area unaltered



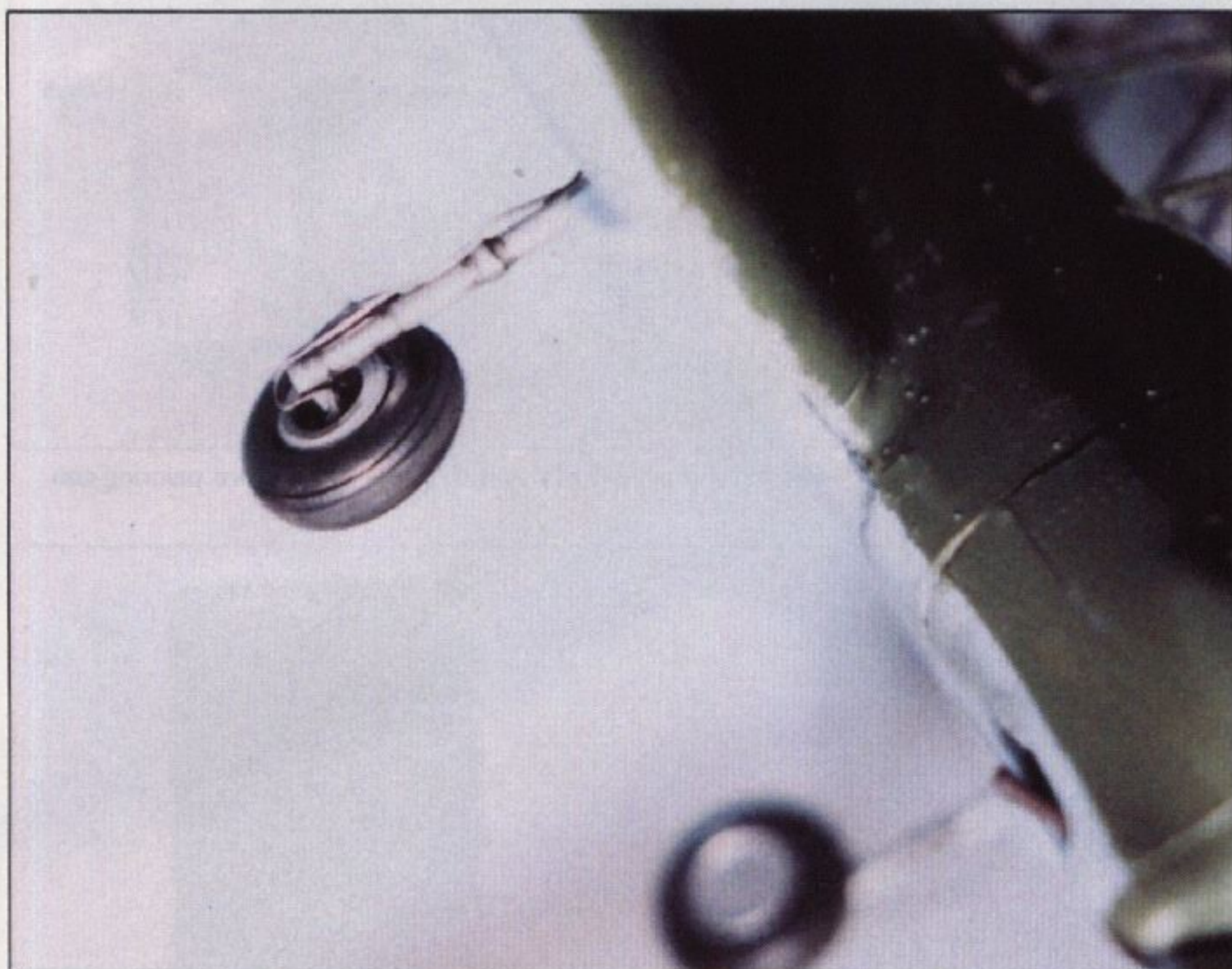
Only the exhaust pipes need to be added



Most of the pipes promptly broke off when I test fitted the cowling so I would add them later



Now you can see why it was difficult to attach the cowling



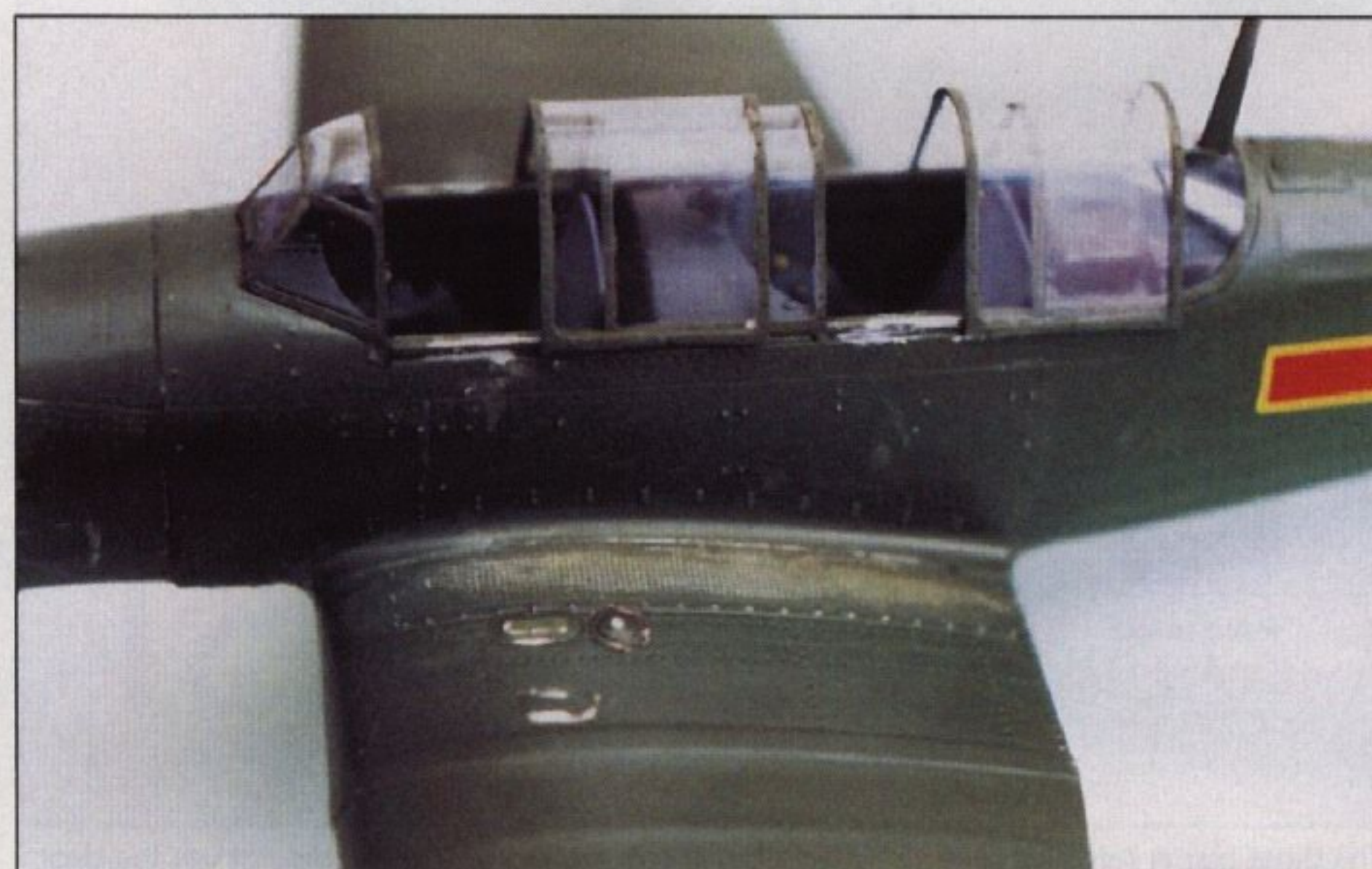
My added fuse wire brake line was a lot easier to work with than the rubber ones supplied in the kit.



The unusual nose shape of the Yak. The details on the spinner will unfortunately be invisible behind the spinner boss



No it is not a mistake, no exhaust pipe goes through the hole in front of the pilot. I assume the panels were mass-produced and could be fitted in any position



The raised detail has been lightly sanded away to reveal the aluminium undercoat

Construction

The first five stages in the instructions deal with the cockpit. Despite my best efforts trawling the web I could only find photographs of the later cockpits so have had to trust to Trumpeter's recommended colours. The main interior is painted a greyish blue and I used Poly S Intermediate Blue, which did match the shades in the later marks quite well. The cockpit area is very complete with over 35 parts, including separate throttles and other levers moulded on the plastic sprue and another complete set supplied on the brass fret, but I preferred the more three-

dimensional look of the plastic parts. The instrument dials are supplied on a photo-negative film like the ones normally found in Eduard brass sets and once the rear of these is painted white you sandwich it between two plastic parts to create a very realistic instrument panel.

The seats have four large circular sink marks in their front surfaces which need filling. I used my preferred typewriter correction fluid but you must ensure that they are completely eradicated as they would be extremely obvious on the completed model.

A pre-painted Eduard US Army

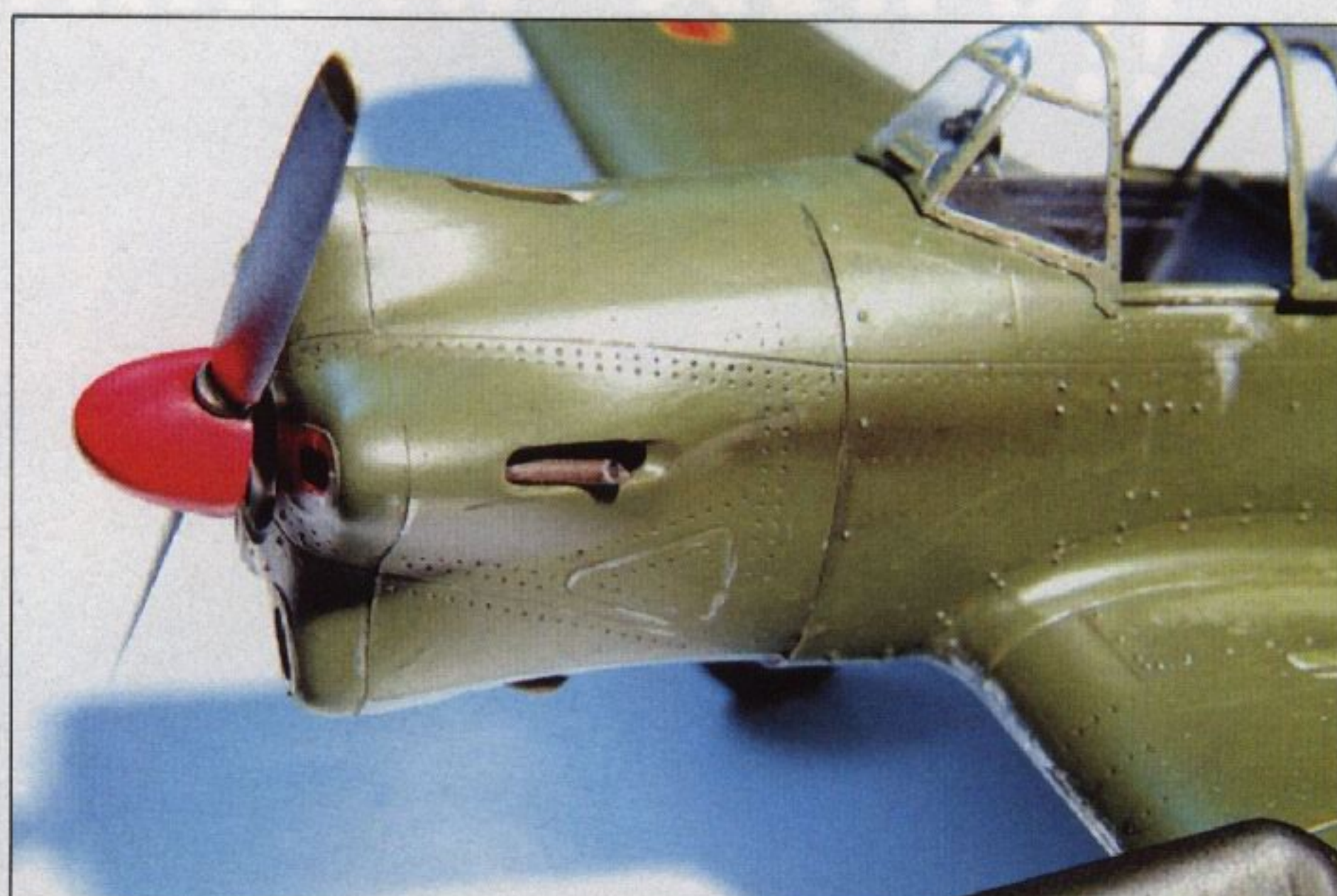
Air Force set supplied the lap belts on my model and is far better than anything I could have made and painted.

All of this makes one of the best cockpits that I have ever seen straight out of the box and it is one of the first things that is commented on by other modellers.

Before you close up the fuselage halves you have to attach the rudder; like the recent Tamiya Zero you are supplied with brass hinges and metal rods to make all the flying surfaces poseable. I personally do not like this feature and used superglue to fix all of my control surfaces permanently in one

position. At least by providing these items separate it does make it easy to give a little animation to your model but do not forget to match the rudder pedals and joystick in the cockpits to the position of the control surfaces.

The fuselage and wings were all now joined and attached with only small amounts of filler needed on the rear underside wing to fuselage join. At this point I gave the model a coat of Halfords Aluminium spray paint, which would be a feature of my later weathering as well as helping to show up any joints, which needed further attention.



I now turned to the engine and this is even more complete than the cockpit being made up of 30 parts with items like the header tank, magneto, exhaust pipes and engine bearers all being represented. This is a little gem and if carefully painted and with added electric and oil lines it would be a shame to hide it away, so you can either open up a couple of side panels or use the clear engine cowling supplied to reveal all the detail. The engine cowling is a very tight fit and in hindsight I would leave the exhaust pipes off the engine and fit them through the holes in the cowling after it is attached in place. As a

result of its unusual shape the engine cowling in both clear and opaque versions features a number of prominent seam lines, which need to be sanded down. This completed the major assembly work and I now painted my model.

After the painting was completed I attached the undercarriage. The wheels are made up from a rubber material which need the treads sanding for a realistic look. You are also supplied with a set of brake lines in the same material but I replaced these with some fuse wire.

The canopies are beautiful, being optically clear and thin, if anything too thin as the front windshield on

my example was cracked and despite receiving a replacement this second example had a fine stress mark running through it, so I made sure I handled it carefully until it was firmly attached to the model.

The final parts I added were the propeller and an antenna wire made out of knit-in elastic, and the construction was complete.

Markings

Options are provided for three aircraft from the Russian, Chinese and North Korean air forces all in dark green over light blue paint schemes. There is also a set of markings not referred to in the

instructions: a set of white Chinese letters and an American registration N200YK.

Unfortunately I have been unable to find a photograph of this aircraft, maybe one of our readers could help? Personally I would have preferred to have an all-black North Korean 'Bed Check Charlie' aircraft from the Korean War as an alternative colour scheme.

Painting

My model was painted with Russian colours from the old AeroMaster acrylics range and once dry the exhaust stains were airbrushed on with Tamiya Smoke.



I used some old wet 'n dry paper to lightly rub away the top colour to expose the aluminium finish that I had sprayed earlier and a tooth pick was used to add scratches around the fuel caps and screw heads on the access panels. After decalling a coat of Poly S matt varnish was applied. I then used MIG weathering powders on the cockpit edges and wing walkways to finish off my weathering.

Decals

With every new release these seem to get better and better: thin and well printed. What more could you want?

Decal Rating = 10/10.

Conclusion

It is hard to believe that Trumpeter has been around for such a short time and every release seems to be better than the one before. I thoroughly enjoyed building this kit and feel that it is a shame that the subject matter and colour schemes will limit its sales to the real enthusiasts. However with their ambitious release schedule covering all the major scales we modellers have never had it so good!

The Trumpeters range is imported and distributed in the UK by Pocketbond Ltd.

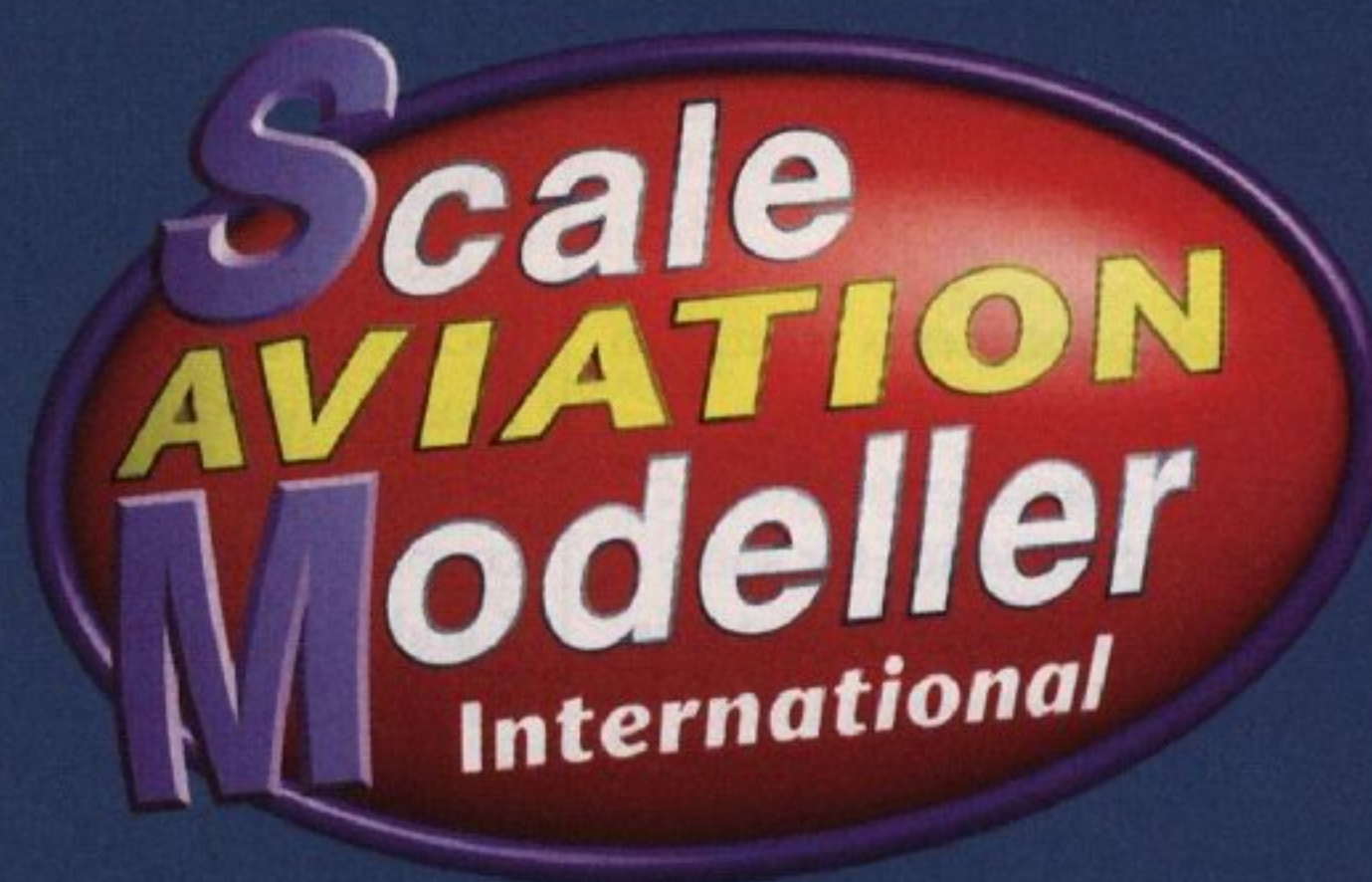
David Francie

NEW SUBSCRIBERS ONLY!!

SUBSCRIBE



to



Each month, **Scale Aviation Modeller International** includes reviews of the latest accessories and decals, book reviews, in-depth articles on a variety of aviation topics and detailed studies, from WWI to the present.

Contributions are made by respected authors and historians, and always produced with the modeller in mind.

- Magazines delivered to your door free of charge each month!
- More pages for your money than ANY OTHER COMPARABLE TITLE!
- Regular opportunities to win super kits and accessories!
- Subscribe and receive automatic membership to our SAMI Club which entitles you to 10% discount on all binder, book and back issue orders!

for 12 issues and save **20%** on cover prices

A SAVING OF £4 ON UK NEWSSTAND RATES

and also receive a **FREE SAMI BINDER!**

for 24 issues and save **24%** on cover prices

A SAVING OF £10 ON UK NEWSSTAND RATES

and also receive a **FREE MODELLERS DATAFILE BOOK!**

Choice of MDF2, MDF3, MDF4 or MDF5. If your preferred choice is unavailable, a replacement will be selected.



Mr/Mrs/Ms Initial Surname
 Address

 Country Postcode/Zip
 Tel. Email

SAM Publications,
 Media House,
 21 Kingsway,
 Bedford,
 MK42 9BJ UK

E-mail: sampublications@comsam.co.uk

Subscription Hotline: 08707 333373

SUBSCRIPTIONS (Cheque, Credit/Debit Card, Switch Card)

☐ Please start my *Scale Aviation Modeller* subscription from the next available issue.

| | UK | Euro-Air | Euro-Surface | World-Air | World-Surface |
|---------------------------------|--------|----------|--------------|-----------|---------------|
| <input type="radio"/> 12 issues | £38.00 | £51.00 | £41.00 | £56.00 | £46.00 |
| <input type="radio"/> 24 issues | £73.25 | £98.00 | £79.00 | £108.00 | £88.00 |

2 year subscribers please tick your book choice below:

☐ MDF2 ☐ MDF3 ☐ MDF4 ☐ MDF5

☐ I enclose a Sterling cheque made payable to SAM Publications

Please charge my ☐ Visa ☐ Mastercard ☐ Switch/Solo

Valid From Expiry date Switch/Solo Iss No

Card no

Signed Today's date

SAMAVIA-09-03

book of the month

Corsair – 30 Years of Filibustering

by Bruno Pautigny

Price: £TBA

ISBN: 2-913903-28-2

Publisher: Historie & Collections

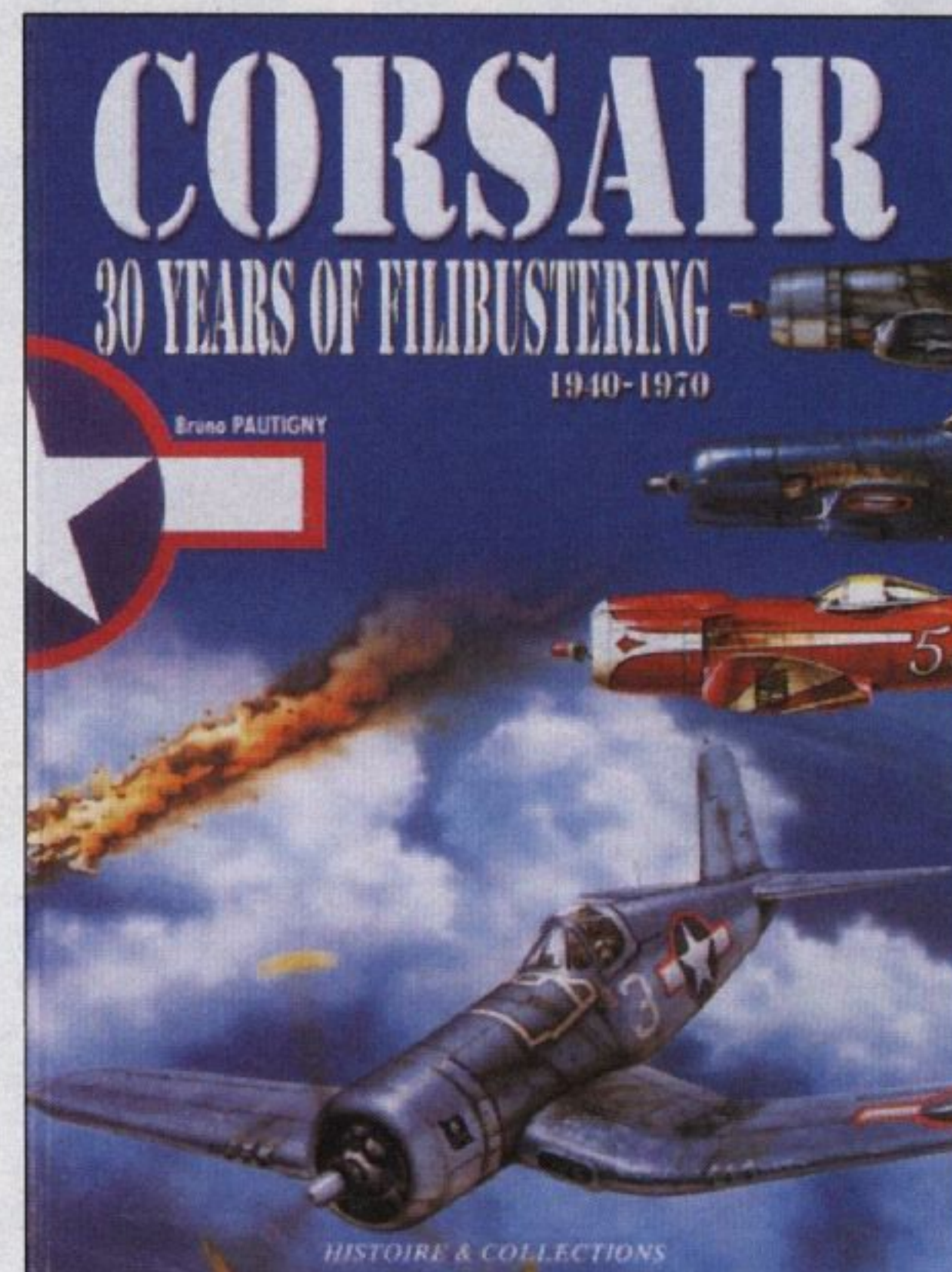
Format: 128 pages casebound

This new title from a French publisher is written in English and is presented in an unusual style, combining large profiles and colour photographs combined with detailed sketches, which for some reason have been treated with a sepia tint, but this does not detract from the excellent presentation of the subject matter.

This book traces the history of the Chance-Vought Corsair from 1940 through to the early 70s, and takes an in-depth look at both the colours, markings and service history plus a detailed look at the technical side of its construction. The first chapter is entitled 'The Birth of the Corsair' and looks at the evolution of the Corsair from the prototype XF4U-1 into the production F4U-1. The next chapter is 'Let's talk mechanics' and this is where we see a new style of presentation combining photographs and sketches to illustrate the evolution of the F4U Corsair series including the type of

coverage that is most useful to modellers such as the flap details, wing folds, canopy changes and air intake and exhaust pipe changes on the F4U-4 to -7 series. The next section is entitled 'Camouflage schemes' and looks at the various single, two and three-colour schemes used by the Corsair and also includes details of the different stars and bars and roundels used at different time periods. Now after 30 pages the content changes to a historical text coupled with colour profiles starting with the F4U-1 and then moving on to the -2, -1A, -1D, -1C, XF4U-3, F2G and British Corsairs before moving to the various civilian racing Corsairs. We then switch back to covering the military F4U-4, -5, AU-1 and -7. The use of the Corsair by the Americans in the Korean War and by the French in Indochina, Suez and North Africa makes up the penultimate chapter. The final chapter covers the final operational use of the type by Argentina, Honduras and El Salvador; all the historical chapters combine colour profiles with a wealth of photographic coverage.

From a modeller's point of view this title is ideal, having informative text coupled with lots of clear period photographs, colour profiles and



sketches that clearly show how the design evolved. A well-deserved 'Book of the Month' this one, and one we can most highly recommended to all.

Our thanks to Historie & Collections for the review sample.

bookshelf

Written by D.Francis
Compiled and edited by R.A.Franks

Breguet 14

by Alan D. Toelle

Price: £23.00

ISBN: 1-902207-61-0

Publisher: Albatross Productions

Format: 80 pages, laminated card cover

This is not a standard Windsock Datafile but a 'special' offered in an expanded format of 80 pages. The text deals with both technical data and the operational history of the Breguet 14. As always this includes a wealth of photographic coverage, but no scale plans are supplied and has been made up with a mass of colour profiles. The narrative text is informative and well written and it deals with specific areas of the airframe, its operational use and its camouflage and markings. The latter subject is one in which the author is well known so

there is much detail, including full stencilling! There is good clear coverage of the various different styles of engine cowling fitted to the type, which always seems to be a confusing aspect of WW1 designs (think about the Fokker D.VII!). This

is an excellent title that is packed full of the sort of information we modellers like. Being a very specialised subject the cover price is high in comparison with other aircraft books, but if you like the subject you can rest assured of the quality, it is by Albatross Productions after all!

Our thanks to Albatross Productions for the review sample. UK modellers can obtain this title directly from the publisher, or via a number of specialist outlets.



L'Aviation Roumaine Pendant La Seconde Guerre Mondiale

by M. Robanescu & T.L. Morosanu

Price: £TBA

ISBN: 2-915205-01-9

Publisher: Editions TMA

Format: 132 pages, laminated card cover

This is a new title from this French publisher and it is offered with French text throughout. The title says it all really, as this book deals with Rumanian Air Force operations during WWII, so the coverage includes all the varied types operated by Rumania over this period. Unless you can read French, the narrative will be of little use, but the main 'value' of this title to a modeller is the black and white photographs and colour profiles. The text has been broken down to deal with each unit and the types it operated, although coverage of such types as trainers and transport

aircraft has been done in a small group towards the end. Each operator is covered in detail, with both fighter and bomber elements and these are heavily illustrated with

a mass of period photographs. These are reproduced nice and large, so are very useful to the modeller. Coupled with this are twenty-four pages of colour profiles with between three and five profiles per page. Although the text is of little use without some knowledge of

the French language the photographs and profiles are most certainly useful, and if you have a liking for this subject then I have to say that this title is still worth considering - lots of lovely images of IAR80s, Bf 109s and even Hurricanes in Rumanian markings!

Our thanks to Edition TMA for the review sample.



Myasishchev M-4 & 3M

by Yefim Gordon

Price: £18.99 (\$29.95)

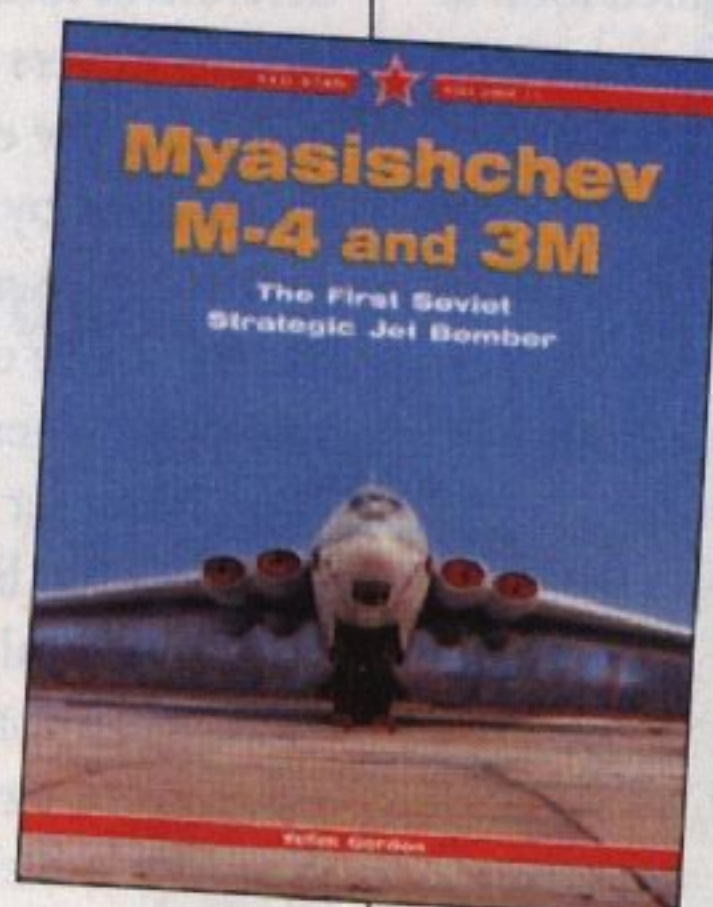
ISBN: 1-85780-152-0

Publisher: Midland Publishing

Format: 215mmx280mm, 128 pages, laminated card cover

This is the latest addition to Midland's own book series and it deals with this the first strategic jet bomber of the Soviet Air Force. The narrative charts the development and service use of the design and this is coupled with masses of period photographs, diagrams and sketches. The narrative starts a look at the Soviet aviation designs prior to the M-4 and some of the people who were involved in its development and design. This is followed by the first real chapter, which looks at the design of the type from the 'aircraft M' through to it in its final form. This section also includes photos and details of the Tu-4s (B-29 copies)

used to test various equipment intended for the M-4. The second chapter looks at the flight testing of the prototypes and includes full specifications for these machines. Chapter three deals with the various versions of the type, as well as the specific missions they were tailored to perform. This includes the high-altitude PHOTINT ('aircraft 25F'), the long-range bomber ('aircraft 25D'), the long-range fast bomber ('aircraft 26') and the high-altitude strategic bomber ('aircraft 28'). Other types covered in this section include the airliner/military transport (M-29) and M-4-2 flight-refuelling tanker as well as the main production variants.



Chapter four is an 'in detail' chapter with lots of photographs of the aircraft taken both whilst in service and once retired. Chapter five charts the full service history of the type in Soviet service and chapter six takes a look at the use of the type by civil operators for carrying heavy cargos, including the Buran shuttle! The final sections of this title offer scale plans of various versions and a selection of colour photographs of the type.

This is a good title for anyone with an interest in Russian aviation in general or the M-4 designs specifically.

Our thanks to Midland Publishing for the review sample.

North American F-100 Super Sabre

by Peter E. Davies & David W. Menhard

Price: £29.95

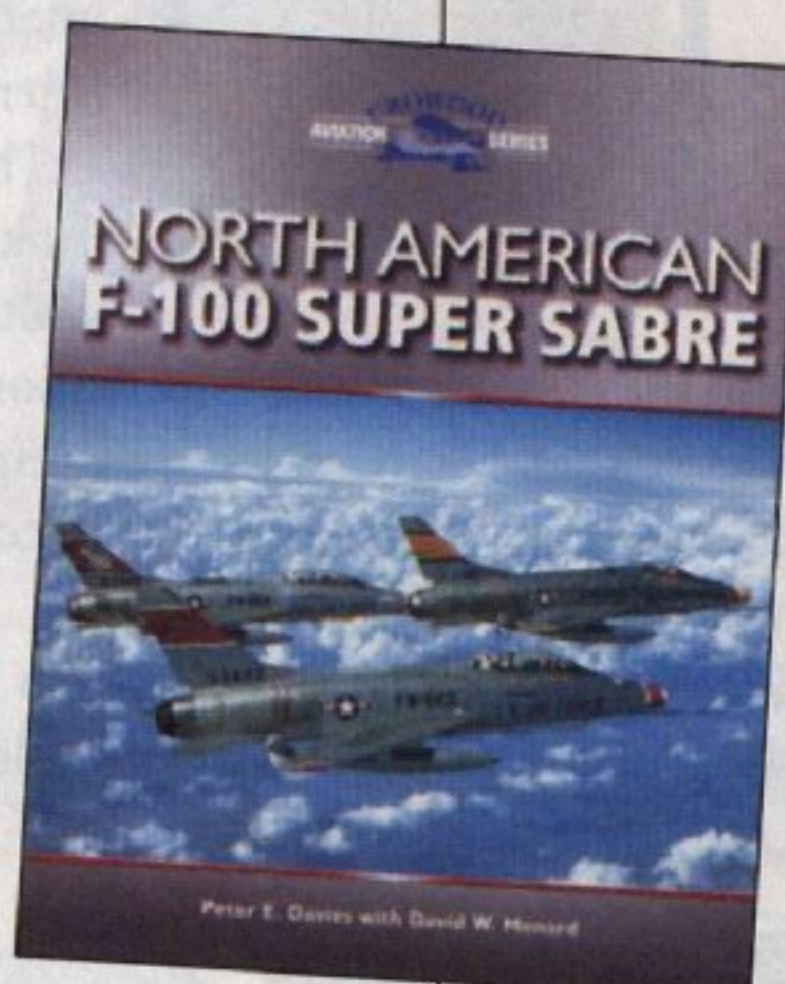
ISBN: 1-86126-577-8

Publisher: The Crowood Press

Format: 176 pages, Hardback cover with separate dust jacket

This is another new title from Crowood; once again the content is black and white with an eight-page centre colour section. The text deals with all aspects of the development and service history of the Hun and starts with a look at the development of the F-100A, including the RF-100A. This is followed by a chapter dealing with the evolution of the Hun into the C and D variants and its subsequent operational use. This is a huge chapter that also covers the TF-100C and the F-100F and details the use of the Zero Length Launch (ZEL) system plus all the guns, missile and bombs carried

by the Hun; also covered are the operational deployments to the UK and Europe in support of NATO. Chapter four deals with the use of the F-100 in the Vietnam war which uses lots of personal accounts from the men who flew these machines, and also has images of the nose art applied to the Hun during the course of the war. Chapter five looks at the Air National Guard and once again feature accounts from the men who flew them. This is followed by a chapter covering the foreign users of the F-100 including the Armee de l'Air, Republic of China, Royal



Danish Air Force and the Turkish Air Force. The final chapter takes a look at the 'Son of the Hun' the F-107

Rapier. Appendices include lists of performance figures and statistics, Production batches, F-100 losses in SEA and nuclear weapon control procedures. Finally it details the F-100s that survive today and details of the QF-100 drone conversions.

Yet another excellent title from Crowood that is extremely detailed in its coverage and can therefore be recommended to all who have an interest in the Hun.

Our thanks to the Crowood Press for the review sample.

books in brief

Northrop P-61 Black Widow & F-15 Reporter

by Miroslav Balous

Price: £10.60 (\$29.95)

ISBN: 80-86524-04-3

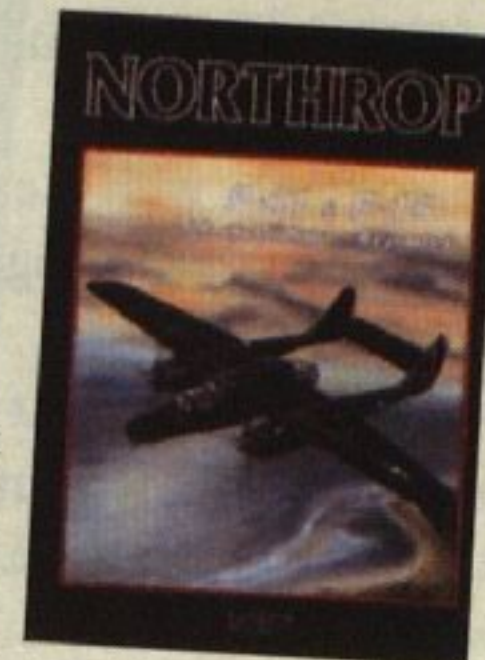
Publisher: MBI

Format: 72 page, laminated card cover

Comment: We go full circle here, as I remember reviewing the original release of this title back in 1994! This

is actually totally revised and updated with additional information on the F-15 Reporter and separate fold-out scale plans. The text is offered in Czech and English, being set with the former on the left and the latter on the right of each page. Photo captions are also offered in both languages.

The title is ideal in its contents for the modeller, being packed with clear photos (many close-up and internal views), diagrams and manual extracts along with colour profiles and cockpit illustrations. If you missed it first time, do not do so this time around! UK modellers can obtain this title from Czech-Six Publications.



Combat Legend - de Havilland Mosquito

by Robert Jackson

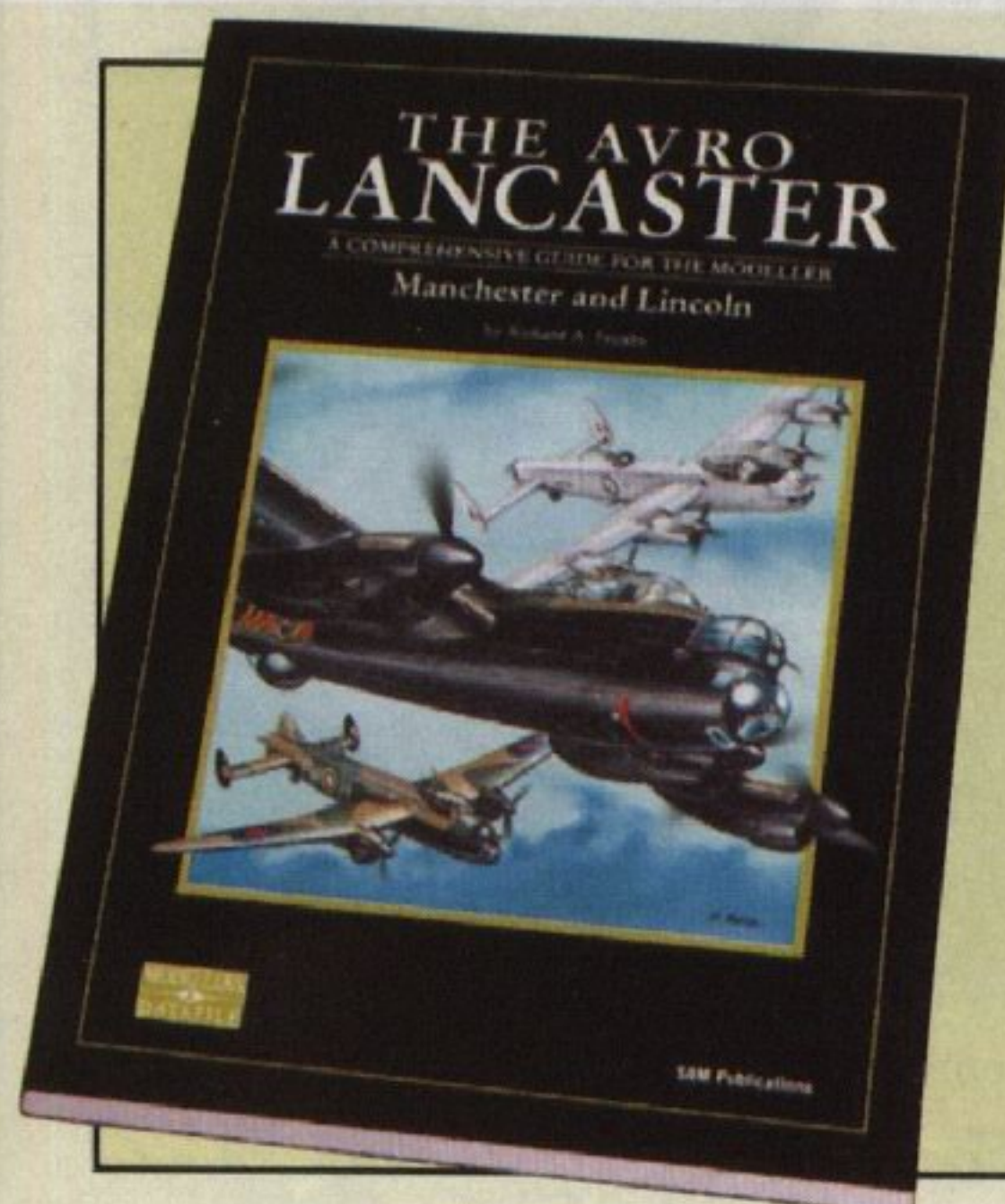
Price: £9.99 (\$14.95)

ISBN: 1-84037-358-X

Publisher: Airlife (The Crowood Press)

Format: 96 page, laminated card cover

Comment: The Airlife range is now owned by the Crowood Press, and this is one of the first titles to be produced and marketed by the latter, albeit still under the Airlife label. Those of you who know the 'Combat Legends' series will know that it is basically a very abridged and concise history of the subject aircraft type. This title covers the development of the design, production and operational service, people who built and flew the type, details of various tasks and operations the type undertook and a look at notable variants, including post-war versions. The appendices offer technical data, plus information on weapons, production and survivors. There are a few pages of colour photos and profiles towards the back of this book. This is a very concise title that cannot hope to cover all that the Mosquito was or did, but it is a nice little book which fans of the Mossie may like to read.



Operation Chastise Special

Modeller's Datafile Number 4 - The Avro Lancaster

To commemorate the 60th anniversary of the famous attack on the Ruhr Dams on May 17th 1943, SAM Publications bring you this very special offer.
(Normal RRP £17.99)

only **£9.99** + p&p

order hotline +44 (0)8707 333 373

Boeing B-29 Superfortress

by Steve Pace

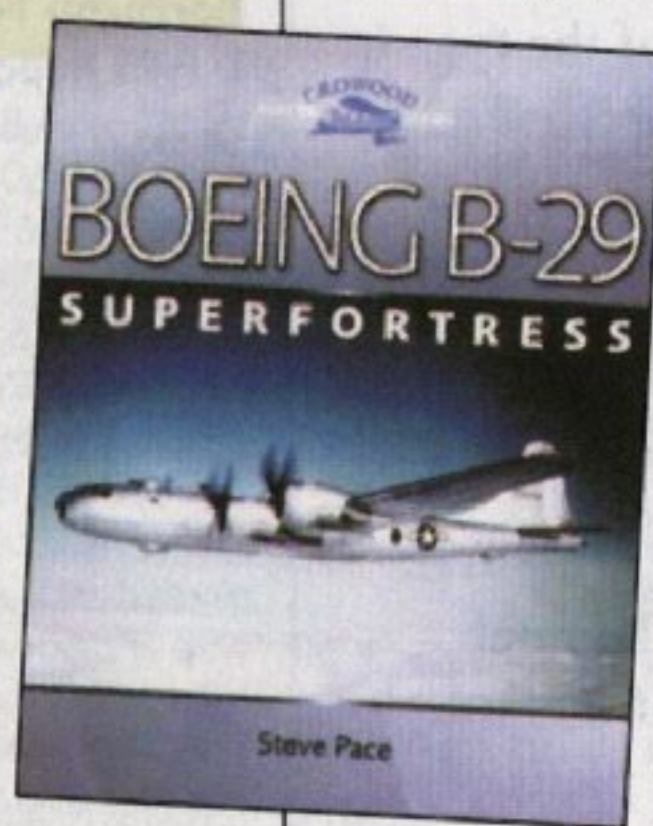
Price: £29.95

ISBN: 1-86126-581-6

Publisher: The Crowood Press

Format: 208 pages, Hardback cover with separate dust jacket

This is one of a number of new releases in the Crowood Aviation series. It follows the usual style and format used by this publisher using mainly black and white photographs with the exception of eight pages of colour in a centre section. The text deals with all aspects of the development and operational use of the B-29 and starts with a background history of the Boeing



Airplane Company. The next chapter covers the design and development of the 'Superbomber' and then carries on to cover the actual production of the

B-29. A more detailed look at

the structure and systems follows before coverage turns to the operational use of the type in WW II. Chapter six deals with the Manhattan project and all of the associated Silverplate B-29s. The Soviet copy the Tu-4 is covered next along

with its use as a mothership for the DFS 346. Chapter eight looks at Strategic Air Command's use of the B-29 and this is followed by coverage of

the RAF and RAAF's use of the B-50 Washington. The use of the B-29 over Korea is covered in chapter ten and chapter eleven looks at all the B-29 derivatives and spin offs. The final chapter covers the surviving B-29s including the example being refurbished by the United States Aviation museum, which is in the very hangar it was originally built in 58 years ago, when it was Boeing-Wichita Plant Number 2. The appendices include a full list of B-29 production and individual aircraft names.

This is another good title in this series from Crowood, which is probably a little more detailed than those that preceded it, and can be most highly recommended to all fans of the B-29. Our thanks to Crowood Press for the review sample

RAF Hunters in Germany

by Günther Kipp & Roger Lindsay

Price: £14.95 (+P&P)

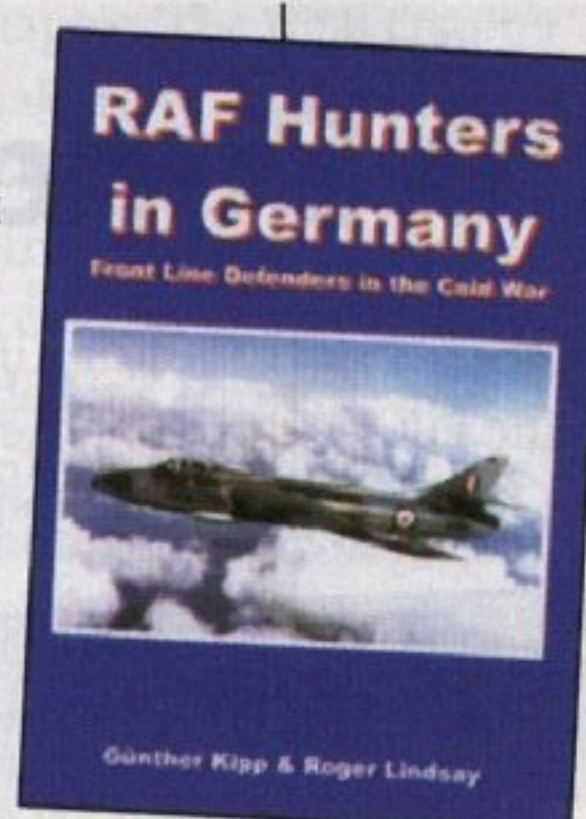
ISBN: 0-9544069-0-7

Publisher: Roger Lindsay

Format: 71 pages, laminated card cover

This new title takes a very detailed look at the subject of Hawker Hunters in the 2nd TAF and RAF Germany from 1955 to 1984, something which has only been done in the superficial manner in the past in other titles. The narrative text is mixed with a mass of period colour and black and white images, many of which have never been seen before. The book starts off with an overview of the deployment of the Hunter in Germany, and then

looks specifically at F Mk 4 and F Mk 6 operations. This is followed by a complete list of all the units that flew the Hunter in Germany, and then a detailed look at the camouflage and markings applied to their aircraft. This latter section is also broken down by squadron, so it is very detailed. The next section deals with visits by the RAFG Hunters to the Armament Practice Camps (APCs) at RAF Sylt. This is followed by a section that charts the individual histories of every Hunter operated in Germany and then a section that looks at all the



accidents involving the type. The final section of this book takes the form of personal accounts by the pilots who flew these machines, which can make for some very interesting and entertaining reading!

This is a very good book, which offers both a wealth of narrative and visual information. The depth of coverage is extremely good and we can therefore recommend it to all fans of the Hunter.

Our thanks to Roger Lindsay for the review sample.

Heinkel He 111

by Ron Mackay

Price: £25.00

ISBN: 1-86126-576-X

Publisher: The Crowood Press

Format: 192 pages, Hardback cover with separate dust jacket

This title is slightly different from others in the Crowood series as it concentrates more on the operational history of the type rather than looking in detail at the construction and development. The lower cover price reflects both this and that there are no colour pages in this volume. The opening chapter deal with the type's early development as an airliner before moving on to cover its role as a bomber during the Spanish civil war. Chapter three deals with the first operational deployment of the type prior to WWII during August 1939, as well as its use during the opening stages of the war. This coverage includes details of all the units to operate the type at this stage,

including KG4, 26, 53 and 55. Chapter four describes the operations between April and June 1940 including Weserubung (The invasion of Denmark and Norway) and Fall Gelb (The invasion of France and the low countries). Chapter five covers the July to October 1940 period and charts the fall of the He 111's supremacy as the Luftwaffe turned its attention onto Britain. Chapter six looks at the Blitz, and night operations by the He 111s over British cities. This is followed by a chapter looking at the maritime operations undertaken by the He 111 in blockading Britain. Chapter eight deals with operations in the Mediterranean by the He 111 and this is followed by a chapter looking at the use of the He 111 as a torpedo-bomber. Chapter ten covers operations



in Russia and is followed by a chapter charting the retreat of the German forces from this theatre. Chapter twelve deals with Luftwaffe operations up to the end of the war as well as foreign operators of the type in the immediate post-war period; Spain both

operated and manufactured the type long after the end of the war. Most of this title takes the form of a detailed look at the operational history of the type, but there are also some detailed insets looking at specific variants as well as prototypes and special operations aircraft (e.g. guided weapons etc). The He 111 has a huge history, so covering it in 190 pages is not really possible in any depth, but I have to say that this title is certainly very good and can therefore be recommended to Luftwaffe fans who may wish to add it to their collection.

Our thanks to The Crowood Press for the review sample.

cd rack



Lightning Part I - The Binbrook Wing

System Requirements:

- CD-ROM drive
- Windows 95/98/NT4 or greater
- Internet Explorer 4 or greater
- Type: 200+ Photographs

Price: £12.99 (+£1.50 [UK] or £2.50 [World] P&P)

Order - Online: www.rzf-digitalimaging.co.uk

Order - Tel: +44 (0) 1482 645293

Contact: RZF Digital Imaging & Publishing Ltd, 3 Greenway, Hessle, East Yorkshire. HU13 0BH.

Email: fred@rzdigitalimaging.co.uk



McDD F-4 Phantom Part I - The British Phantoms

- CD-ROM drive
- Windows 95/98/NT4 or greater
- Internet Explorer 4 or greater
- Type: 250+ Photographs

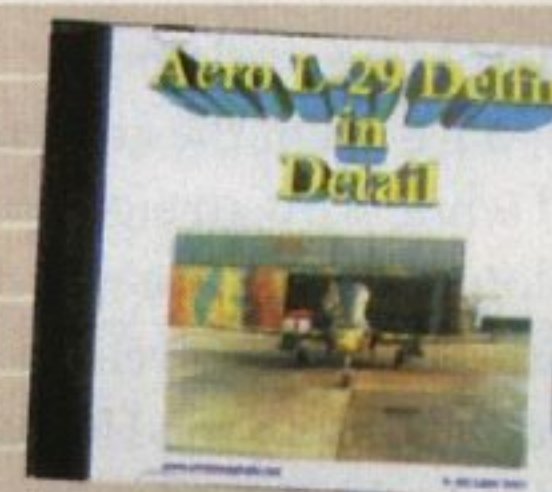
Price: £12.99 (+£1.50 [UK] or £2.50 [World] P&P)

Order - Online: www.rzf-digitalimaging.co.uk

Order - Tel: +44 (0) 1482 645293

Contact: RZF Digital Imaging & Publishing Ltd, 3 Greenway, Hessle, East Yorkshire. HU13 0BH.

Email: fred@rzdigitalimaging.co.uk



Aero L-29 Delfin In Detail

System Requirements:

- CD-ROM drive
- Windows 95/98/NT4 or greater
- Internet Explorer 4 or greater
- Type: Photographs

Price: £N/K

Order - Online: www.airplanephoto.net



McD F/A-18 Hornet in US service

- CD-ROM drive (64MB RAM)
- Windows 98/ME/2000/XP or greater
- Adobe Acrobat
- Type: Historical e-Book and 100+ Photos
- Price: \$8.00 (+P&P)
- Contact: Chris Reed, PO Box 1006, 910 Beaver Grade Road, Moon Township, PA 15108, USA.
- Email: cmr707@nauticom.net or cmr707@yahoo.com



United States Air Force - A Chronological History & Guide to Resources

- CD-ROM drive (64MB RAM)
- Windows 98/ME/2000/XP or greater
- Adobe Acrobat
- Type: Historical e-Book and 300+ Photos
- Price: \$7.00 (+P&P)
- Contact: Chris Reed, PO Box 1006, 910 Beaver Grade Road, Moon Township, PA 15108, USA.
- Email: cmr707@nauticom.net or cmr707@yahoo.com

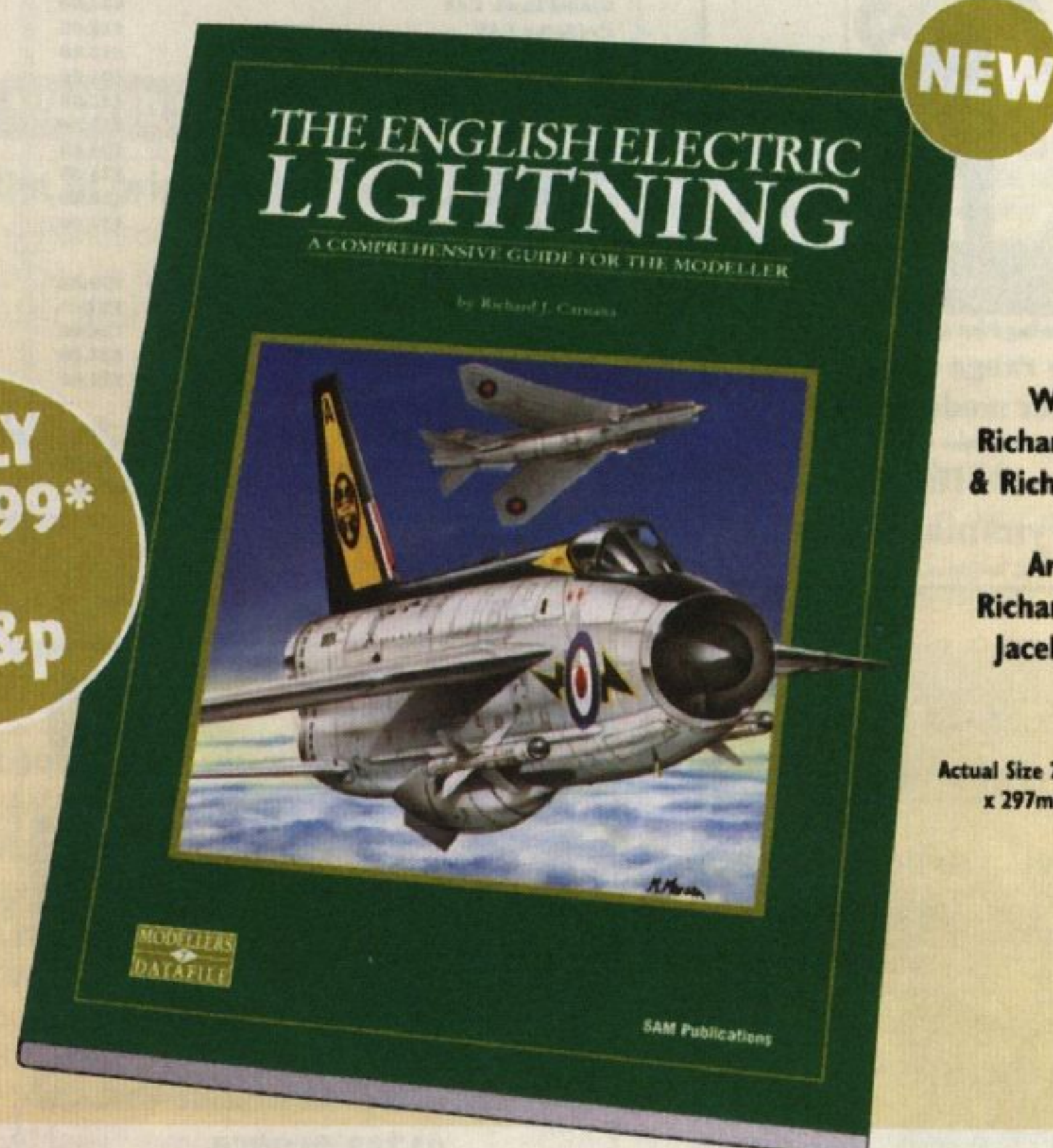
THE ENGLISH ELECTRIC LIGHTNING

A COMPREHENSIVE GUIDE FOR THE MODELLER

**OUT
NOW!**

- 128 pages (48 in full colour)
- Scale fold-out plans
- Colour side views by Richard J. Caruana
- Comprehensive listing of decals and accessories
- Photographic coverage of preserved examples
- All scales & types of kit listed
- Full bibliography
- Full chronology of the type's development & operational use

ONLY
£14.99*
+ p&p



NEW

Written by
Richard J. Caruana
& Richard A. Franks

Artwork by
Richard J. Caruana
Jacek Jackiewicz

Actual Size 210mm
x 297mm

THE BRISTOL BEAUFIGHTER

A COMPREHENSIVE GUIDE FOR THE MODELLER

ONLY
£19.99*
+ p&p

Actual Size 210mm
x 297mm



- 180 pages (64 in full colour)
- Scale fold-out plans
- Colour side views by Richard J. Caruana
- Interior artwork by Michele Marsan
- Comprehensive listing of decals and accessories
- Photographic coverage of preserved examples
- All scales & types of kit listed
- Full bibliography
- Full chronology of the type's development & operational use

Written by
Richard A. Franks

Artwork by
Richard J. Caruana
Jacek Jackiewicz

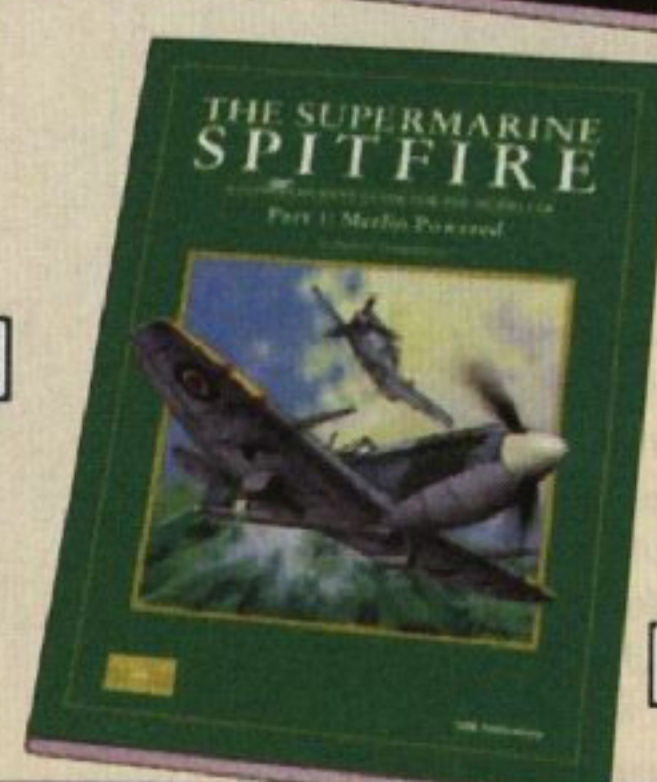
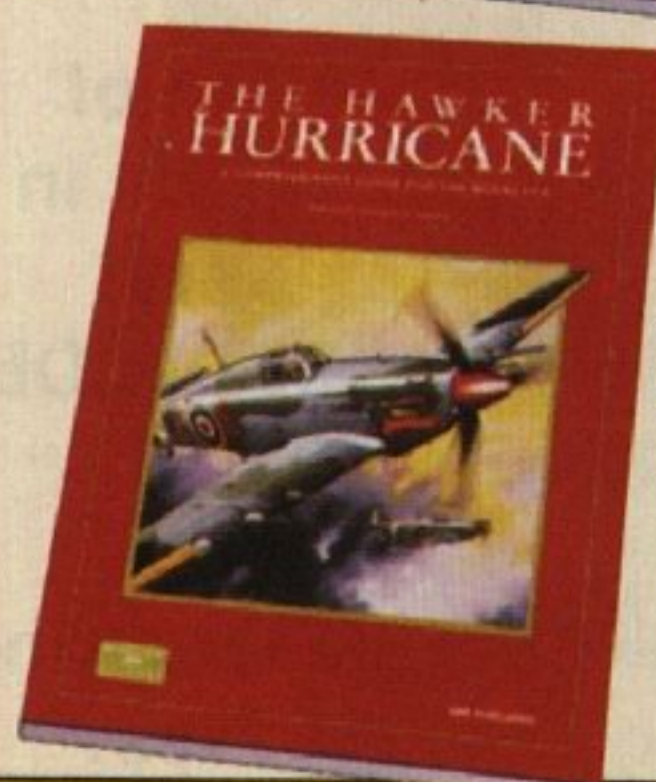
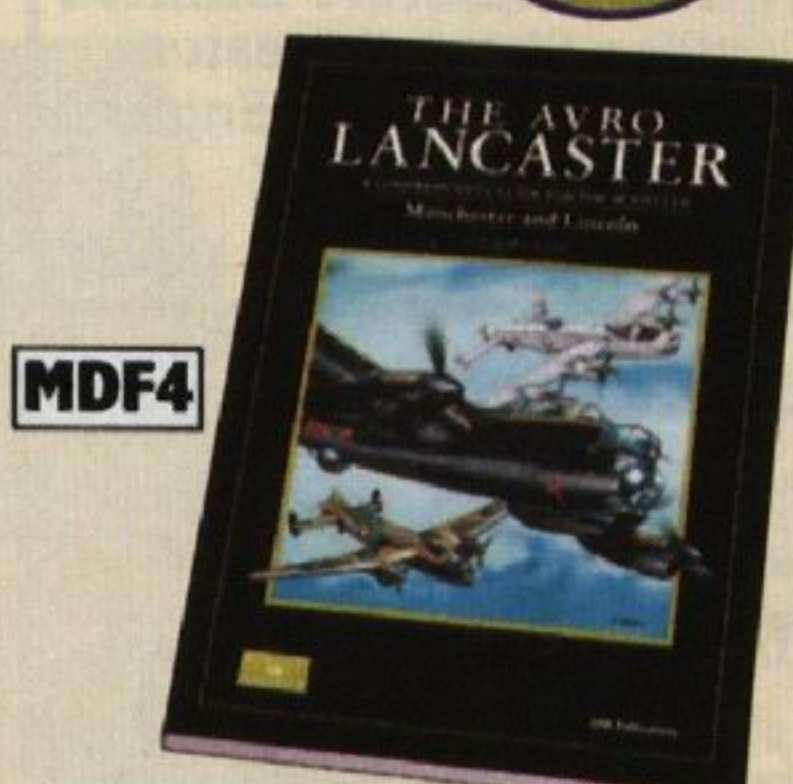
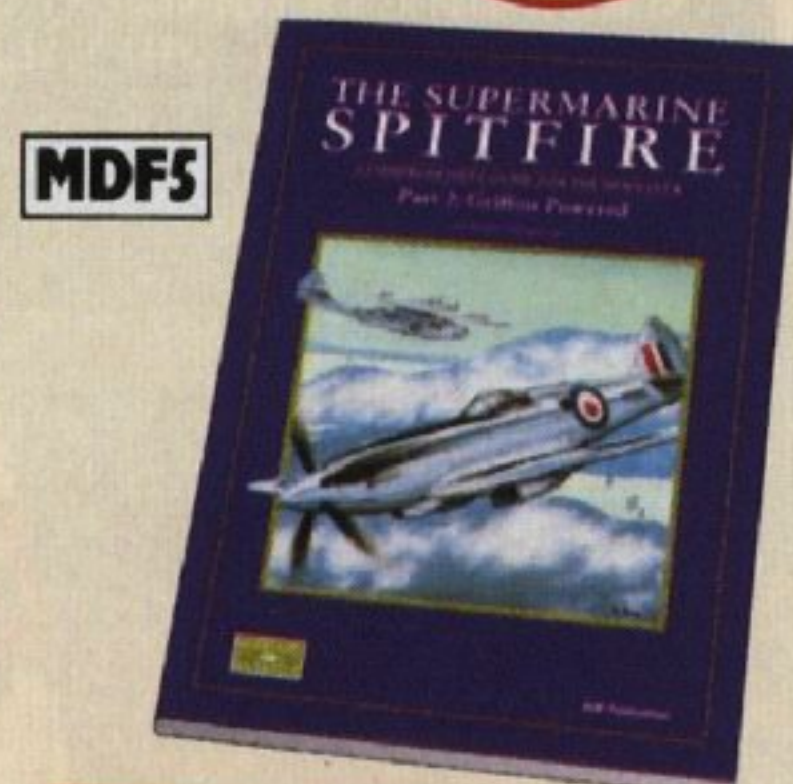
MDF Offer!

ANY 1
£12.99*
+ p&p

ANY 2
£19.99*
+ p&p

ANY 3
£29.99*
+ p&p

ALL 4
£39.99*
+ p&p



ORDER FORM

☐ **MDF 7 - English Electric Lightning**

Please send me a copy of *The English Electric Lightning*, at the published price of £14.99 + p&p*

☐ **MDF 6 - Bristol Beaufighter**

Please send me a copy of *The Bristol Beaufighter*, at the published price of £19.99 + p&p*

MDF Offer

Choose the offer, then select
the books you require

☐ **1 book**

Please send me one Datafile at £12.99 + p&p*

I would like the following Book(s):

☐ **2 books**

Please send me two Datafiles at £19.99 + p&p*

☐ **MDF 5 - Spitfire Pt 2**

☐ **3 books**

Please send me three Datafiles at £29.99 + p&p*

☐ **MDF 4 - Lancaster**

☐ **4 books**

Please send me four Datafiles at £39.99 + p&p*

☐ **MDF 3 - Spitfire Pt 1**

☐ **MDF 2 - Hurricane**

I wish to pay by ☐ Cheque ☐ Credit Card

Please make cheques payable to 'SAM Publications'.

* p&p rates
UK add £2.50
Europe add £3.50
World add £5.00
per book

Name _____

Address _____

Country _____

Postcode _____

Telephone _____

Please charge my ☐ Visa ☐ Mastercard ☐ Switch/Solo

Valid From Expiry date Switch/Solo Iss No

Card no

Signed _____ Today's date _____

Post to: SAM Publications, Media House, 21 Kingsway, Bedford, MK42 9BJ UK
Subscription Hotline: +44 (0) 8707 333733 email: mail@sampublications.com
Tel: +44 (0) 8707 333733 Fax: +44 (0) 8707 333744

SAMAVIA-09-03

MASTERY[®] MINIATURES



1:48 RAF Scrambling Pilot & parachute

An exciting new range of figures and accessories for model makers.

Available from:

MMD Squadron & H.G. Hannants

www.masteryminiatures.com

Diverse Images Ltd, Brighton, England.

Lonewolf Models

7 Gladstone Terrace, Watchet
Somerset, TA23 0DP, England
Tel: 01984 634740
E-mail: hloneulf@aol.com

New!

| | |
|------------------------|--------|
| Uniercraft 1/72 | |
| Horten Ho.IIc.38 | £45.00 |
| Heinkel He 1065 | £30.00 |
| Global hawk UAV | £34.00 |
| Predator UAV | £16.00 |
| RQ-5 Hunter UAV | £18.00 |
| GA Altus UAV | £21.50 |
| MQ-9A Altair UAV | £25.00 |
| RQ-2 Pioneer UAV | £12.00 |
| Rutan Proteus | £34.00 |
| Boeing Bird of Prey | £21.00 |
| Mustang FTB conversion | £10.00 |
| Yak Helicopter | £12.00 |

Anigrand Craftwork

| | |
|-----------------------|--------|
| General Dynamics A-12 | £39.80 |
| Doak VZ-4 | £23.40 |
| Ryan XV-5 | £26.00 |
| McDonnell XV-1 | £24.80 |
| MIG 105-11 | £22.00 |

Full range held in stock

A+V

Miles M39 Libellula £18.50

In stock: Full range of Uniercraft, Sharkit, Delta Aviation, Fusion, Kingston Vacu-formers, FSF, Armo
Cheques payable to A C Hampton
Postage: UK £2.50 Overseas 15%

www.modelers-paradise.com

Hasegawa SALE!!!

| | |
|---------------------------------|---------|
| F-16CG Triple Nickel 1/72 | € 9,95 |
| Jaguar T.Mk.2 Dera 1/72 | € 9,95 |
| F-8E Crusader U.S.Navy 1/72 | € 9,95 |
| F-15B Eagle Flt. Tr.Center 1/72 | € 13,95 |
| F-16A Black Knights 1/48 | € 16,95 |
| Nakajima B6N2 Jill 1/48 | € 17,95 |
| P-51D American Beauty 1/48 | € 14,95 |
| F-16C Blue Nose 1/48 | € 14,95 |
| B777-200 Lauda Air 1/200 | € 15,95 |
| B777-200 Amer. Airlines 1/200 | € 15,95 |
| Hercules C MK1P RAF 1/200 | € 9,95 |

Rarities / Last in Stock

| | |
|--|---------|
| Bristol Beaufighter 1/32 Revell | € 39,95 |
| Westland Lysander 1/32 Revell | € 29,95 |
| SBD-5E Dauntless 1/32 Revell | € 25,95 |
| Honda CB 900F 1/8 Nitto | € 59,95 |
| Renault Ice-Truck+Trailer 1/24 Revell | € 89,95 |
| Accurate Miniatures Gulfhawk II lim. Ed. | |
| 1/48 € 69,95 | |
| Hawker Hunter 1/32 Revell | € 29,95 |

ANTARES Resin-kits 1/48
Conversion set for Me 262 W 3 (for any Me 262 A-1 kit) € 44,95
Conversion set for Me 262 Lorin (for any Me 262 A-1 kit) € 39,95
Conversion set for Fw 190 Jet (for any Fw-190 kit) € 39,95
Full resin kit of the Fw-190 V19 € 52,95
Full resin kit of the Sombold So 344 € 47,95
Full resin kit of the Arado Ar 361 € 44,95

WORLDWIDE SHIPPING
for: 0049-2234-278919 fax: 0049-40-3603-303581
sales@modelers-paradise.com

COPPER STATE MODELS

THE WWI SPECIALIST
1/48, 1/28 & 1/32 SCALE
KITS, GUNS, DECALS PHOTO-ETCH,
ENGINES, ETC.
DIGMAYER PROPS



3245 E. HILLERY DR.
PHOENIX, AZ. 85032
U.S.A.

MASTER CARD & VISA ACCEPTED

WWW.AMUG.ORG/~COPPERST/

PHONE: 602-867-8822

FAX: 602-867-1984

E-MAIL: COPPERST@SD.FASTQ.COM

SASA FOR CATALOGUE

Niquillis Models



01782 252050
sales@niquillis.com

The new name in online shopping

LARGE RANGE OF KITS!

Check out today's special offer at

www.niquillis.com

KIT KRAZY

PLASTIC &
METAL KIT RETAILERS
HOBBY & PASTIME MATERIALS

303 The Broadway, Bexleyheath, Kent DA6 8DT
Tel/Fax: (020) 8298 7177

NEW EXTENSION JUST OPENED

MON/TUES/THURS/FRI/SAT 9.30 - 5.30 CLOSED WEDNESDAY

www.kitkrazy.com

FULL KIT LIST, 1,000'S OF DELETED KITS

OPEN
DAY!
18th
OCT

COLLECTIONS BOUGHT FOR CASH

NEW EXTENSION JUST OPENED!

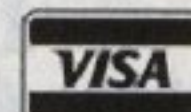
Incorporating 1,000's of kits and collectables.

New and deleted kits and toys.

Model building service available

AIRFIX, ITALERI, TAMIYA, REVELL, HELLER,
MONOGRAM, MATCHBOX, ACADEMY, HASEGAWA,
FROG, AURORA, HAWK, HOBBYCRAFT.

SEND SAE WORTH 70p FOR CURRENT LISTS



ALL AIRCRAFT KITS HEAVILY DISCOUNTED

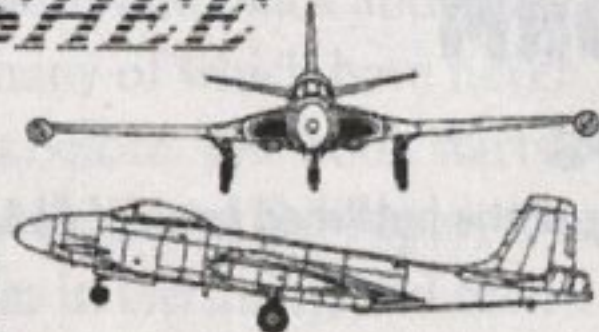
Collect-Aire Models

F2H-3/4 BANSHEE

1/48th
Scale!

Unassembled
Kit! All New
Hollow Resin

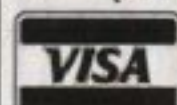
Cast! Fully Detailed Cockpit! Intake/Exhaust
Depth! Belly pack! Refueling Probe! Optional
Wing Tanks and Under Wing Racks!
Numerous Metal Parts! Clear Vac. canopy
w/Metal Frame! Custom Colourful Decals for
F2H-3/4 and Canada plus Stencils! Color Art
Box! Only \$139.95 Plus \$8.00 s/h U.S.;
\$20.00 all others (air).



166 Granville Lane • North Andover,
MA 01845 USA

(978) 688-7283 / FAX (978) 685-0220

website: collectaire.com



SAMONE HOBBIES

BUMPER KIT SALE

100's Bargains!

Some as little as

HALF PRICE!

Send £1 for lists to:

SAMONE HOBBIES

PO Box 42, Darlington

County Durham, DL1 2XP

SAMI ONE

Rag Rat Resins Kits

| PROD. CODE | AIRCRAFT | EXPORT INCL VAT |
|------------|--------------------------------|-----------------|
| RR01-001 | Airspeed Courier | 22.75 26.73 |
| RR01-002 | Miles Kestrel | 22.75 26.73 |
| RR03-001 | Bristol 142 'Britain First' | 26.75 31.43 |
| RR03-002 | Airspeed Military Envoy | 26.75 31.43 |
| RR03-003 | Airspeed Envoy 'King's Flight' | 26.75 31.43 |
| RR03-004 | Airspeed Envoy Series 2 | 26.75 31.43 |
| RR03-005 | DH 84 Dragon | 26.75 31.43 |
| RR03-006 | DH 90 Dragonfly | 26.75 31.43 |
| RR03-007 | Cessna Bobcat/Crane | 26.75 31.43 |
| RR03-008 | BAe Jetstream J31 | 26.75 31.43 |
| RR03-009 | BAe Jetstream T3 | 26.75 31.43 |
| RR03-010 | BAe Jetstream 31M | 26.75 31.43 |
| RR05-001 | Westland Wessex Trimotor | 35.75 42.00 |
| RR08-001 | Avro 748 | 51.75 60.80 |
| RR08-002 | Bae Andover | 51.75 60.80 |
| RR09-001 | Vickers Viscount 700 | 55.75 65.50 |
| RR09-002 | Vickers Viscount 700D | 55.75 65.50 |
| RR09-004 | DH 66 Hercules (circa 1926) | 55.75 65.50 |

Postage at cost on credit card orders, otherwise 15%
of order value in UK, 30% of order value elsewhere

Aircraft In Miniature Limited
19 Watling Street, Nuneaton,
Warwickshire, CV11 6JJ, England

Phone/Fax: +44 (0) 2476375737

Email: info@aim72.co.uk

Website: www.aim72.co.uk



KINGKIT

THE ORIGINAL KIT DEALER (Est. 1983)

Unmade Plastic Kits
Bought and Sold

Sale List 49 Now Available
with 13,000 items listed - £3.50
or visit our website

www.kingkit.co.uk

where stock is updated daily
with secure online ordering

SPRINGHILL TRADING ESTATE,

ASTON STREET, SHIFNAL,

SALOP TF11 8DR

TEL: 01952 405020 FAX: 01952 405030

e-mail sales@kingkit.co.uk

www.kingkit.co.uk

To book your
advertising space



contact

Odette Bonfield

T: 08707 333733

F: 08707 333744

pinky@sampublications.com

Advertising

Quality hand casting RESIN COMPANY

requires staff.

EAST MIDLANDS

location.

Any interested
parties apply to:

Box 123

SAM PUBLICATIONS

Media House,

21 Kingsway,

Bedford, MK42 9BJ



COLPAR HOBBIES

PLANES ARMOR CARS SHIPS SCI-FI
We carry a huge inventory of plastic model kits
from around the world! Large selection of
Detailing after-market parts and Decals for
aircraft, armor, ships and cars. Specialising in
Airliner models, Decals, Die Cast, Promos and
Books. Large inventory of Sci-fi kits, Historical
and Modelling references, Paints, Tools,
Airbrushes. We ship worldwide!

www.colpar.com

Colpar Hobbies

Phone: 303-341-0414

804 S. Havana St.

Fax: 303-341-1554

Aurora, Co. 80012 USA Email: colpar@dimensional.com

MEGA HOBBY

Huge Selection of
Plastic Model Kits In
Every Category!
WE SHIP WORLDWIDE!

Great Service!

Great Prices!

**Secure Online Ordering
or Call Toll Free:**

1-888-642-0093

MEGAHOBBY.COM

readers' classified

FOR SALE

Russian X-Planes book,

as new (by Yefim Gordon/Bill Gunston). I paid £30, yours for £20 plus £2 postage UK (P&P at cost to other countries). Call Bob on +44 (0) 1454 207733 (Avon).

Red Arrow Hawk kits,

1/48th scale, any quantity supplied. For details call Ronald on 01494 813152 (Bucks).

'Airplane', 18 volumes (216 issues)

in binders; Scale Aircraft Modelling volumes 16 to 24 inc: Scale Aviation Modeller International volumes 3 to 7 inc. Offers to Jack Athroll. Tel: 01473 717502 (Ipswich).

Dragon 1/48th Mistel 2/S.2 (£55),

Heller 1/72nd Jaguar A (£8) & Ex-Nitto 1/8th Suzuki GSX1100 Katana (£22), plus others. Postage at cost (worldwide available). Contact the editor at PO Box 426, Bedford. MK43 0WF or Email: SAMed@compuserve.com.

Half price sale, mostly 1/72nd,

all types, including accessories & decs. For lists Tel/fax: 01244 811528, Email: amercoline1@aol.com or write to Mr R. Rogers, 73, Goltyn Drive, Deeside, CH5 4BQ.

WANTED

Out of print book - 'Sever the Sky'

by Planes of Fame Publication. Prepared to buy or borrow. Please call David on 0161 8650565 (Manchester).

Yellowhammer decal sheet

#32-005; F-4J UK, RAF No.74 Squadron. Please send name and phone number to Martin Gustafsson, Uppergarsvagen 58, 44443 Stenungsund, Sweden.

Looking for old copies

of Warlord, Battle (Battle/Action) and Victor comics, plus annuals and summer specials of the same and Commando/War Picture Library etc comic books. Any amount, good prices paid, so check your lofts! Contact the R.A.Franks at PO Box 426, Bedford. MK43 0WF, or email me at SAMed@compuserve.com

EXCHANGE

Exchange Russian vac-form

kits in 1/72nd: I-2 bis, I-3, I-4, I-5, I-7, I-180, I-185, I-14, SPL, R-3, R-6, R-Z, TB-1, I-Z, Pyry, Vihuri, Fokker C. X, Yak-25, Su-5, Su-9, LA-168, LA-160, Bisnovat 5-2, HS-132, A-12, SK-2, SH, IP-1, E-812 and others. Evgeny Bobkov, Novaya Zarya 17-11, 630110, Novosibirsk, Russia.

Please Note... Submissions to the Readers' Classified section will be accepted in either typed or hand-written formats. Please note that the latter must be clear and in capital letters. We must insist on this, as a number of problems have arisen due to unclear handwriting in previous advertisement submissions.

Offered for exchange,

Russian and Ukrainian die-cast models of cars, trucks and buses in various variants 1/43rd scale. I'm interested in models of cars, trucks and buses in the same scale by western firms. My post address is: Klimko Igor, Pushkin Street 135, ap. 91 Poltava, Ukraine, 36014. E-mail: i_klimko@mail.ru

PEN PALS

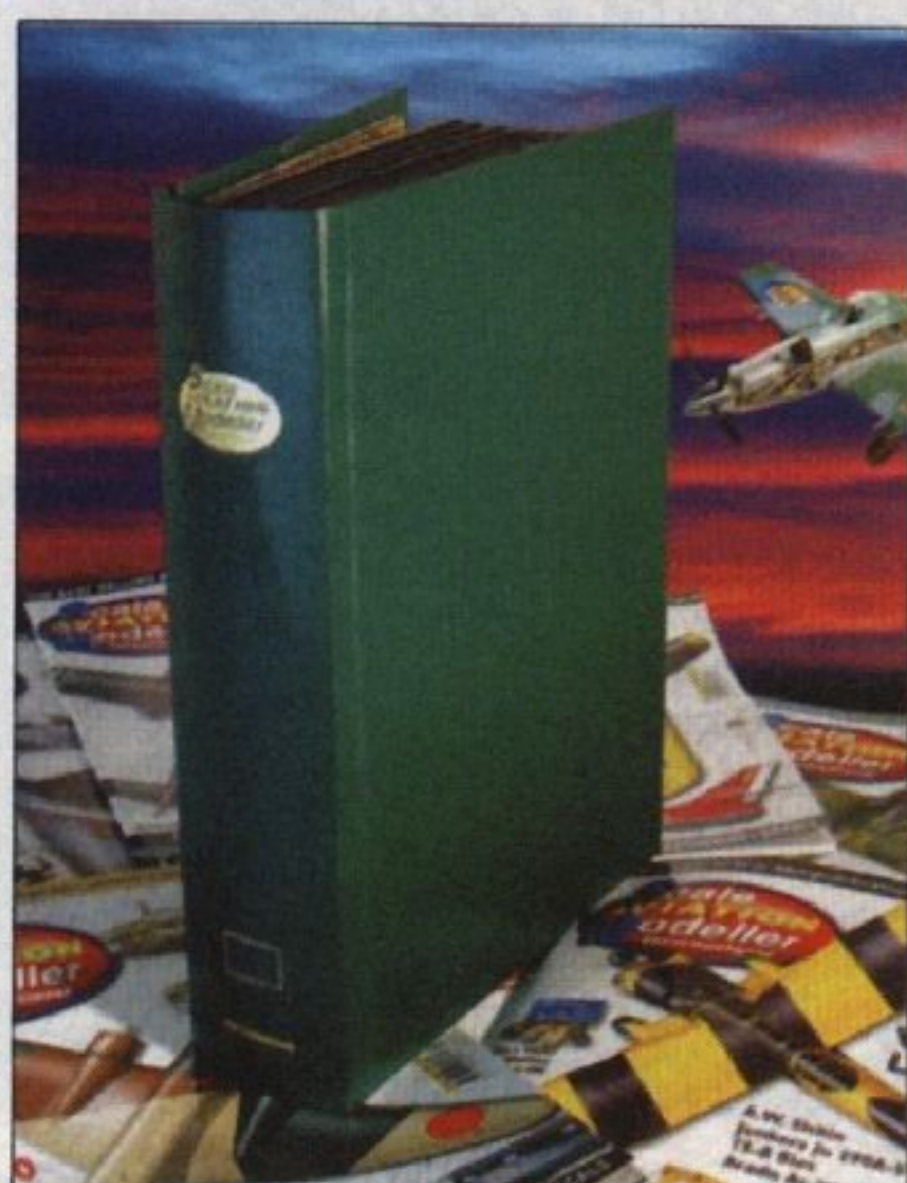
Russia offers: archive photos

of Russia/Soviet aircraft & helicopters, aviation literature, postcards, model kits, accessories, decals in exchange for aviation literature. Contact Victor Kulikov, 129515 Moscow, PO Box 59, Russia. E-mail: viktor_kulikov@rambler.ru or viktor_kulikov@mail.ru

This service is offered free to all our readers. Send classifieds (no more than 30 words) to:

Readers' Classified
SCALE AVIATION MODELLER International
Media House, 21 Kingsway,
Bedford MK42 9BJ

Adverts will be run space permitting. Please note, although every care is taken in preparing this section, SAM Publications cannot be liable for any errors and/or omissions. No confirmation of receipt will be given for adverts (inc. Email & Fax).



Need more
Scale Aviation
Modeller Binders?

contact Julie

T: 08707 333373

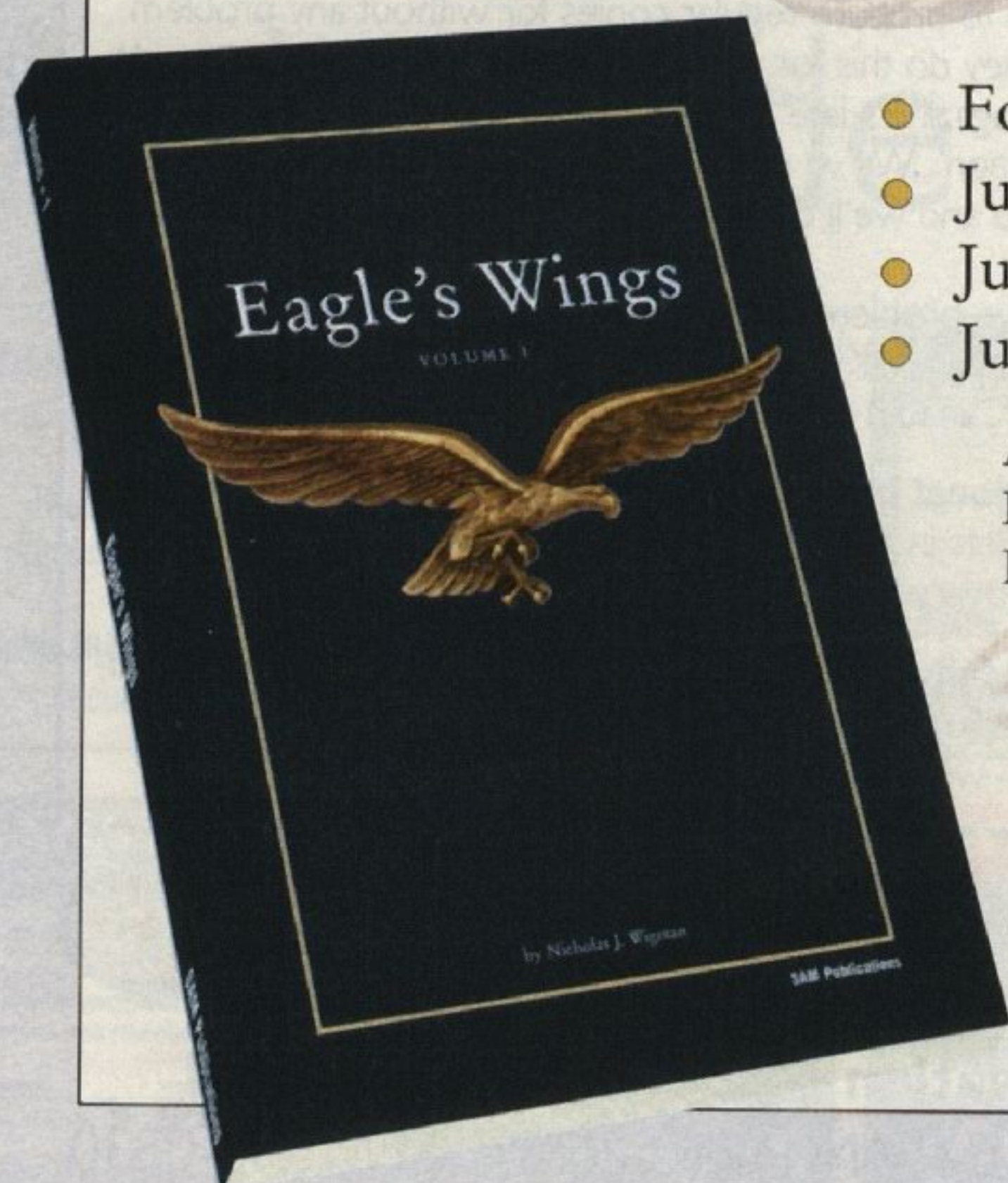
F: 08707 333744

julie@sampublications.com

Binders

Eagle's Wings

VOLUME 1



- Focke-Wulf Fw 190F-8
- Messerschmitt Bf 109G-6
- Junkers Ju 87A
- Messerschmitt Me 410
- Junkers Ju 88A-4
- Messerschmitt Me 163B-1a
- Junkers Ju 188A-1

Appendices List: Available Kits, Accessories, Decals relating to above aircraft types. Concise Luftwaffe paint guide for the modeller.

£9.99 + p&p

For more information contact
+44 (0) 8707 333373

CALL NOW!

events diary

● September 7th

Leicestershire IPMS present the 'Friendly Model Show' at the Wycliffe Rooms, Lutterworth from 10am to 5pm. There will be an open competition and refreshments will be available on the day. For more information contact Martin Connolly, 6 Kestrel Close, Broughton Astley, Leicestershire LE9 6RX. Tel: 01455 284600 or Email: connolly@connollymj.fsnet.co.uk.

● September 7th

Model World Romsey, Hampshire, 13th annual model fair organised by Rotary. At Mountbatten School, Whitenap Lane, Romsey, Hampshire. Sunday 10am-5pm. For info. please contact: Nick Campbell-White on 01962 713891 or Alan Hilder 023 8081 1804.

● September 13th

Bognor Regis Military Modelling and Wargaming Society present 'Up In Arms' an exhibition of models, wargames and militaria to mark their 25th birthday. Come to West Meads Community Centre, Bognor Regis. Admission 50p, under 14s free. Further information Tel: 01243 824542 or 01243 814549.

● September 20th

Model Wheels at the Holiday Inn Telford, Shropshire. 10am to 5pm. Enquiries to Tel/Fax: 01588 660706

● September 21st

Capcon 2003 at Nepean Sportsplex Salons A and B, 1701 Woodroffe Avenue, Ottawa, Canada. Contact capcon2003@hotmail.com or visit <http://www/ipmsottawa.ca>

● September 21st

IPMS Farnborough Modelfest 2003 at Frogmore Community Campus, Yateley, Hampshire.

● September 21st

Wings & Things 2003 model show at the Spalding Grammar School, Spalding, Lincs. From 10.00am - 4.30pm. For more details contact Dave Hawkyard, Tel: 01775 720568.

● September 21st

ROCON 24 hosted by The Historical Scale Modelers Association, IPMS, Rochester NY USA. A model show/contest from 10am until 5pm. The theme for this year's show is 'Great Movies-Great Models'. ROCON 24 will be held at the 40 & 8 Club, 933 University Avenue in Rochester. For more information, call Jim Klok (585) 385-3899 or Email: jklok1@rochester.rr.com

● September 26th-27th

Fifth Annual Nordic Con and 2003 IPMS USA Region Five model contest and convention sponsored by the Twin Cities Aero Historians. Held at the Mall of America Thunderbird Hotel Friday and

Saturday. For more information contact Steve Hustad, 6253 Ginger Dr., Eden Prairie, MN 55346-1418, or shustad@isd.net. Contest information at www.aerohistorians.org

● September 27th

Shoreham Aeromart at Shoreham Airport, West Sussex. Gates open at 10am.

● September 28th

St Edmundsbury Scale Modellers Show at the Moreton Hall Community Association and Club, Moreton Hall, Bury St Edmunds. Signposted from the A14. Club and trade stands. Free car park. 10am to 5pm. Contact Dominic Stevenson, 7 Silverdale Close, Ipswich, IP1 4JF. 01473 743189.

● October 2nd

The Chelmsford and Essex Scale Model Society Open Evening at 7.30pm at The Cricketers Inn, Moulsham Street, Chelmsford, Essex. For information contact Nigel on 01376 518515, Chris on 01376 553211 or Phil on 01245 476786.

● October 3rd & 4th

IPMS Region 2 Convention hosted by IPMS Northern Virginia - 'A history of Flight'. This convention will be held at the Sheraton Reston Hotel, 11810 Sunrise Valley Drive, Reston, VA, USA. For more information contact: Vince Mankowski, 47799 Circle Drive, Great Mills, MD, 20634, Tel: (301) 863-2999 or Email: modelbuilder@earthlink.net.

● October 4th & 5th

IPMS Belgium presents 35 Years Modellers' Party & National Convention 2003. For more details contact Didier Waelkens, Esdoornlaan 33, B-1850 Grimbergen, Belgium, Email: didier.waelkens@skynet.be or Tel: +32 2 251 33 10

● October 5th

International Model Exhibition at RAF Halton airfield Wendover, near Aylesbury, Bucks. 10am to 4.30pm. For information Tel: 01494 881437.

● October 5th

Lincoln and Newark Models Clubs present, Model Expo 2003 at the Southwell racecourse, Nottinghamshire. For more details contact Ian Crawford, 51 Richmond Road, Lincoln. LN1 1LH. tel: 01522 804661 or Email: expo@newarkmodelclub.co.uk

● October 18th

Abingdon IPMS are holding their much improved annual show at Abbey Halls, Abingdon town centre, Oxfordshire. A new, larger venue. Open 10am to 4.40pm. Admission £2 adults, £1 child/OAP. For further information contact Simon Fisher 01993 774034, Gary Madgwick 01235 769746 or Steve Lovelock 01235 815571.

● October 25th

JaxCon 2003-Contest and Model Show. University of North Florida - University Center. Contact - Gil Hodges, 904-215-8108, slowhandshodges@aol.com

● October 25th

Model bring and buy sale at Woolfardisworthy Sports and Community Hall, 9 miles West of Bideford on A39, signs from Bucks Cross. 10am to 4pm. All enquiries, Tel: 01409 241058.

● November 1st

North Surrey Military Modelling Group Open Day. We will be holding our open day at a new venue, The Thomas Wall Centre, Benhill Avenue, Sutton, Surrey. The area is well served by buses and trains and there is a large car park within 5 minutes walk of the hall. Doors open at 10am, there will also be a competition with all classes open to visitors. Any Clubs or traders interested in attending (or if you want anymore info), call Dus Adele on 02083935480 or email dus.adele@ntlworld.com Second annual convention sponsored by IPMS First Coast-Jacksonville, FL.

● November 2nd

Elsecar Model Show at Elsecar Heritage Center, Wath Road, Elsecar, Barnsley.

10am to 4.30pm. Further details from Martin Blundell 01226 753649 or Roger Evans 01226 203784.

● November 8th

Heathrow Aircraft Enthusiasts' Fair at the Feltham Community College, Browells Lane, Feltham, Middlesex. TW13 7EF. For more details call Keith Manning on 01372 725063 or Email keithmanning01@o2.co.uk

Greater Peterborough Model show:

Contact David Martin 01733 380250

2004

● January 4th

Croydon Airport New Year Aviation Collectors' Fair at Airport House, Purley Way, Croydon, Surrey. For more information contact Acebell Aviation on 01737 822200.

Events

Scale Aviation Modeller International will advertise forthcoming events in this column free of charge for event organisers who wish to give advance notice of their shows. We will continue to run your notice until the event is held, space permitting.



We appreciate that a great many of you prefer to purchase your copy of **Scale Aviation Modeller** from your local news trade outlet.

In general all our titles are widely available via the news trade, though availability on-shelf may vary from area to area. If you have difficulty finding any of our titles on the newsagents' shelves, here are a few pointers to help you get regular copies:

1 Ask at your newsagent for a special magazine order – most major chains offer this service, including WH Smith. They should be able to procure regular copies for without any problem, so insist that they do this for you. (Do not be put off by comments such as 'the magazine's late', 'they've missed an issue' or 'they've ceased publication'. We've never missed a press date, we've never missed an issue and we'll continue to publish for as long as there is a hobby.)

If you still have problems with getting hold of copies call our distributors Comag (UK and overseas) on +44 (0)1895 433800 or Disticor (USA/Canada) on +1 905 619 6565.

2 Try your local hobby shop. We provide most of the major hobby outlets in the UK and a great many overseas. If they buy on our bulk terms you should have no problem picking up a copy.

3 If all else fails call our subscriptions hotline and speak to Julie on +44 (0)8707 333733. Also check out any offers we may have running – we may save you money!

To the Newsagent,

Please reserve me a copy of

Scale Aviation Modeller International

Published by SAM Publications, ISSN 1356-0530



shop guide

Hobby Shops! Reach over 175,000 active modellers per month for less than £1.40 a day! Call Odette Bonfield on +44 (0)8707 333733 or email pinky@sampublications.com to find out how.

SURREY

ADDLESTONE MODELS

01932 845440 Fax 01932 842843

130 Station Road, Addlestone, Surrey, KT15 2BE

Stockist of Scale Aviation Modeller International

MIDDLESEX

THE AVIATION HOBBY SHOP

01895 442123 Fax 01895 421412

4 Horton Parade, Horton Road, West Drayton, Middlesex UB7 8EY

Mail order within the UK post free. All major credit cards accepted

Stockist of Scale Aviation Modeller International

WEST MIDLANDS

E.D. MODELS

0121 744 7488 Fax 0121 733 2591

64 Stratford Road, Shirley, Solihull, West Midlands, B90 3LP

sales@airwaves.org.uk

www.airwaves.org.uk

Stockist of Scale Aviation Modeller & Model Aircraft M.

SOMERSET

FROME MODEL CENTRE

01373 465295

2 Catherine Street, Frome, Somerset, BA11 1DA

enquiries@fromemodelcentre.com

www.fromemodelcentre.com

Plastic kits, diecast, R/C cars, boats, planes, helicopters, spares, accessories & tools

Tue - Sat, 10am - 5pm • Mail Order • All major credit cards

GLASGOW

JAMIESONS MODELS

0141 552 3956

30 Salt Market, Glasgow, Scotland, G1 5LY

Mon to Sat, 9.30 to 5.30, Sun 11.00 to 4.00

Stockist of Scale Aviation Modeller International and Scale Models International

MIDDLESEX

JENNINGS MODELS (LONDON)

0208 804 1767 Fax 0208 245 8731

244-248 Hertford Road, Enfield, Middlesex, EN3 5BL

kits@jen1.demon.co.uk

KENT

KIT KRAZY

0208 298 7177 Fax 01322 521433

303 The Broadway, Bexleyheath, Kent DA5 3JS

Thousands of kits and collectables. Large selection of scale boats and American car kits

CHESHIRE

THE MODEL SHOP

01606 47740 Fax 01606 47740

167 Witton Street, Northwich, Cheshire, CW9 5EA

david@themodelshop.org

www.themodelshop.org

MIDDLESEX

THE MODEL SHOP HARROW

0208 863 9788 Fax 0208 863 3839

190-194 Station Road, Harrow, Middlesex, HA1 2RH

www.themodelshopharrow.co.uk

Full range of model kits, model railways, and modelling materials in stock

Stockist of Scale Aviation Modeller & Scale Models

50 YEARS

KENT

MODEL WORLD

01622 735855 Fax 01622 735581

Polhill Garden Centre, London Road, Sevenoaks, Kent TN14 7AD

Stockist of Scale Models International

BEDFORDSHIRE

MR & ME'S WORLD OF MODELS

01234 852780 Fax 01234 305101

Saxon Centre, Bedford Rd, Kempston, Beds, MK42 8PP

www.mrme.biz

Massive inventory in stock, call us or call in

Stockist of all SAM Publications titles

Open 7 days • Mail Order Welcome

DORSET

PLASTIC PAST-TIMES

01202 746964 Fax 01202 746964

95 Commercial Road, Parkstone, Poole, BH14 0JD

We only sell plastic model kits, but we have one of the largest selections in the country of both current and out of production kits! Airfix, Frog, Revell etc

Mail order £10 min. No lists.

VISA MASTERCARD SWITCH SOLO ELECTRON

PRESTON

TRANSPORT MODELS

01772 733644 Fax 01772 761076

Unit 1, Oyston Mill, Strand Road, Preston, PR1 8UR

enquiries@transportmodels.co.uk

www.transportmodels.co.uk

Stockist of Scale Aviation Modeller International and Scale Models International

SOMERSET

WELLS MODELS INTERNATIONAL

01749 675262 Fax 01749 675262

The Old Chapel Bakery, Union Street, Wells Somerset, BA52PU

wellsmodel@aol.com

Also mail order diecasts including Armour, Unimax, plastic kits etc. Send for lists stating interests.

DORSET

SCALE LINK

+44 (0) 1747 811817 Fax: +44 (0) 1747 811817

Unit 19b, Applins Farm Business Centre, Farrington, Dorset, DT11 8RA

info@scalelink.co.uk www.scalelink.co.uk

Manufacturers & Distributors of kits & accessories for WW1, WW2, Model Railways, buses, cars, ships and Dioramas.

UK agents for Masters Productions & PSP

web guide

Have you got a website? Then reach nearly three million active hobbyists a year for less than £2.20 a day. Email pinky@sampublications.com to find out how.

Meteor Productions

Thousands of quality products under one roof

www.meteorprod.com

Safe, secure, online shopping

Meteor Productions
PO Box 3956, Merrifield, VA 22116
Tel: 001 703 971 0500
Fax: 001 703 971 8111

INTERNATIONAL HOBBY SUPPLY

www.internationalhobby.com

- Aircraft
- Armor
- Ships
- Cars
- Trucks
- Figures
- Decals
- Books
- Paints
- Plastics
- Resin
- Vinyl
- Verlinden

Your Online Destination for

Internet Hobbies

Great Hobby Products

SENTAI INTERNATIONAL

SCALE MODEL PRODUCTS SUPPLIER TO THE WORLD'S HOBBY SHOPS

15,000 kits, decals, books, finishing products, Sci-Fi, resin, vinyl & collectible products.

WHOLESALE

TEL (818) 886-3113
FAX (818) 886-2551

8839 Shirley Avenue, Northridge, CA 91324

www.plasticmodels.com

www.corgi-heritage.co.uk

The Corgi Heritage Centre

www.luckymodel.com

- Beating any Prices
- Quality Services
- Secure Online Shopping
- Enjoy 8% discount, just type the promotion code SAM01 when you check out

address list

Academy Plastic Model Co., Ltd

273-64 Suyu 2-Dong,
Kangbuk-Gu, Seoul, Korea.
Tel: 82-2-908-7000
Fax: 82-2-997-3003
Email: academy@academy.co.kr
UK Importer: Toyway

Ace Model

Ukraine
www: acemodel.com.ua

Aeroclub

5, Silverwood Avenue,
Ravenshead, Nottingham
NG15 9BJ
Tel: 0115 967 0044
Fax: 0115 967 1633

AeroMaster

**See Eagle Strike/Aeromaster

AIMS

SEE Czech-Six Publications

Aires Hobby Models

Cepirohy 115, 434 01 Most I,
Czech Republic

Airfix

Marfleet, Kingston-upon-Hull,
North Humberside HU9 5NE
Tel: 01482 701191
Fax: 01482 712908
www.airfix.com

Albatros Productions Ltd

10, Long View, Berkhamstead,
Herts HP4 1BY
Tel: 01442 875838
Fax: 01442 876018

ARBA Products

88 Lawrence Road, Biggleswade,
Bedfordshire SG18 0LU
Tel: 01767 316560
Fax: 01767 313842
Email: ARBAKITS@aol.com

P.P.H.U. Ardpol Sp. z.o.o.

Wola Zachariaszowska 87,
32-087 Zielonki, Poland
Tel: +48 12 419 40 46
Email: ardpol@poczta.fm

Choroszy Modelbud

32-070 Kraków
Czernichow 371, Poland
Tel/Fax: (48-12) 2702 679
Obtain in UK via: Aeroclub

CMK

Magistrů 18, 140 00 Praha 4,
Czech Republic
Tel: +420 2 8192 3909
Fax: +420 2 8192 3910
Email: export@mpm.cz

The Crowood Press

The Stable Block,
Crowood Lane, Ramsbury,
Marlborough, Wilts SN8 2NR
Tel: 01672 520320
Fax: 01672 520280

CzechMaster Resin (CMR)

Importers: Hannants (UK),
Squadron (USA), MisterKit (Italy)
& NKR Models (Australia)

Czech Model

c/o Squadron Products,
1115 Crowley Drive, Carrollton,
Texas 75011-5010, USA
UK Importer Pocketbond Ltd

Czech-Six Publications

48 Station Road,
Stoke D'Arbernow, Cobham,
Surrey KT11 3BN
Tel: 01932 866426
Fax: 01932 867099

Dujin Models

5, Quartier des Planchettes,
F90200 Giromagny, France
Tel/Fax: (33) 03 84 27 16 83

Eduard M.A.

170 Obrnice, Obrnice, 435 21,
Czech Republic
Tel: 420 35 6 11 81 86
Fax: 420 35 6 11 81 71
Email: info@eduard.cz

Eagle Strike/AeroMaster

12982 S.W. 132nd Avenue,
Miami, FL 33186, USA
Tel: (786) 293 6859
Fax: (786) 293 9286

Fabflight/S3E

Distributed by Flight 66

Flight 66

30 rue de Montreuil,
75011 Paris, France
Email: FLIGHT66@wanadoo.fr
www.minikit.com

Fox One Decals

PO Box 12111, Wichita,
KS 67277-2111, USA

Hannants

Harbour Road, Oulton Broad,
Lowestoft, Suffolk NR32 3LZ
Tel: 01502 517444
Fax: 01502 500521

Heller S.A.

Chemin de la Porte zi, B.P.5,
61160 Trun, France
Tel: (33) 2 33 67 72 65
Fax: (33) 2 33 36 02 31

High Planes Models

127 Wheeler Street, Corryong,
VIC 3707, Australia
Fax: +61 260 76 1843
Email: hiplanes@
corryong.albury.net.au
Obtain in UK via: Hannants &
MR & ME

Histoire & Collections

**See Chris Lloyd Sales &
Marketing Services**

(The) Hobby Company Limited

Unit B, Chiltern Trading Estate,
Grovesbury Road,
Leighton Buzzard,
Bedfordshire LU7 8TU
Tel: 01525 385798
Fax: 01525 385778

Italeri S.p.A.

Via Pradazzo 6/B,
I-40012 Calderara di Reno,
(Bologna), Italy
Tel: +39 051 72 60 37
Fax: +39 051 72 64 59
Email: italeri@italeri.com
UK Importer: The Hobby
Company Ltd.

Jadar-Model s.c.,

ul. Reichniewskiego 5a/26,
03-980 Waszawa, Poland
Fax: 0 22 671 46 21

Chris Lloyd Sales & Marketing Services

Stanley House, 3 Fleets Lane,
Poole, Dorset BH15 3AJ
Tel: 01202 649930
Fax: 01202 649950
Email: chrlloyd@globalnet.co.uk
*Importer of Histoire &
Collections books*

LSA Models

151 Sackville Road, Hove,
East Sussex BN3 3HD
Tel: 01273 795429
Fax: 017973 551470
Email: lsamodels@mcm.com

MBI

Kocianova 1588, 155 00 Praha 5,
Czech Republic

Midland Publishing

4, Watling Drive, Hinckley,
Leics LE10 3EY
Tel: 01455 233747

MPM s.r.o.

Mezilesí 718,
193 00 Horni Pocernice,
Praha 9, Czech Republic
Tel: +420 2 8192 3907
Fax: +420 2 8192 3892
Email: export@mpm.cz

PART

See Jadar-Model s.c.

Pocketbond Ltd

PO Box 80, Welwyn,
Herts AL6 6OND
Tel: 01707 391509
Fax: 01707 327466

Revell AG (UK Branch)

10-12 Queensway,
Hemel Hempstead,
Herts HP1 1LR.
Tel: 01442 250130
Fax: 01442 245619

Revell AG,

Abteilung X, Henschelstr 20-30,
D-32257 Bünde, Germany

Tool-Making Plant Roden Ltd

7a Nevskaya Str., Of. 35,
Kiev 03062, Ukraine
Tel/Fax: +380 (44) 4565404
Email: roden@rodenplant.com
http://www.rodenplant.com
UK Importer: Pocketbond Ltd
US Importer: MMD/Squadron

SMER

Bellova 124, 109 00 Praha 10,
Czech Republic
UK Importer: Pocketbond Ltd

Tamiya Inc.

3-7 Ondawara, Shizouka-City,
Japan
UK Importer: The Hobby
Company Limited

Sweet Aviation Model Div.

1633-12, Utsutani, Okabe,
Shida-Gun, Shizouka 421-1131,
Japan
Tel/Fax: 81 (54) 667 1323
Email: nasa@yjj8.so-net.ne.jp

Toyway

P.O. Box 55, Unit 20,
Jubilee Trade Centre,
Jubilee Road, Letchworth,
Herts SG6 1SG
Tel: 01462 672509
Fax: 01462 672132
Email: toys@toyway.co.uk

Trumpeter

Wasan Plastic Model Co.,
Nan Long Industrial Area,
Sanxiang Zhong Shan,
Guang Dong, China
UK Importer: Pocketbond Ltd

Note: Please refer to the individual review to identify the UK importer or distributor of each range. See advertisements in this and previous editions in regard to model shops and mail order establishments listed in reviews.

Advertisers' Index

| | |
|-------------------------------|-----------|
| Aeroclub Models | 875 |
| Air Connection | 855 |
| Aircraft Colors | 827 |
| Aircraft in Miniature | 894 |
| Aires Hobby Models | 817 |
| Amerang | 837 |
| Astro Model | 813 |
| Avia Press | 883 |
| Aviation Hobbyshop | 823 |
| Aviation Workshop | 875 |
| Baxter, John | 883 |
| Beaver Corporation | 871 |
| Belcher Bits | 883 |
| Cammett | 883 |
| CMK | 855 |
| Collectaire | 894 |
| Comet Miniatures | 883 |
| Copperstate Models | 894 |
| Craftworks | 823 |
| Cross & Cockade | 829 |
| Czech 6 | 883 |
| Daylight Company | 823 |
| Diverse Images | 894 |
| Dutch Decals | 875 |
| EagleStrike Productions | 841 |
| ED Models | 827 |
| Eduard MA | 815 |
| Great Models Webstore | 871 |
| Halifax Modellers World | 883 |
| HG Hannant | 855 |
| Ian Allan Bookshops | 829 |
| Jager Miniatures | 871 |
| Lonewolf Models | 894 |
| Kingkit | 894 |
| Kit Krazy | 871 & 894 |
| Leading Edge | 883 |
| LSA Models | 817 |
| Matador Models | 875 |
| MegaHobby.com | 894 |
| Model Design Construction | 855 |
| Modellers Paradise | 894 |
| Mokey Lucky | 875 |
| MPM | 861 |
| MR & ME's World of Models | 861 |
| Niquillus Models | 894 |
| Parade Figures/Linden Hill | 861 |
| Pocketbond | 843 |
| Revell AG | 821 |
| Roll Models | 861 |
| Royal Mail | 809 |
| SAM Publications | |
| - SAMI Back Issues | 899 |
| - SAMI Subscriptions | 889 |
| - Eagles Wings | 895 |
| - Modellers Datafile Series | 894 |
| - Model Aircraft Monthly Subs | 845 |
| - Scale Models Subscriptions | 806 |
| Samone Hobbies | 894 |
| Squadron MMD | 900 |
| Tauro Models | 875 |
| Testors Inc | 802 |
| Toyway | 833 |
| Widespread Solutions | 829 |
| Wonderland Models | 807 |

BACK ISSUES SALE!

AVAILABLE AT £3.00 INC P&P (UK), £3.50 OVERSEAS

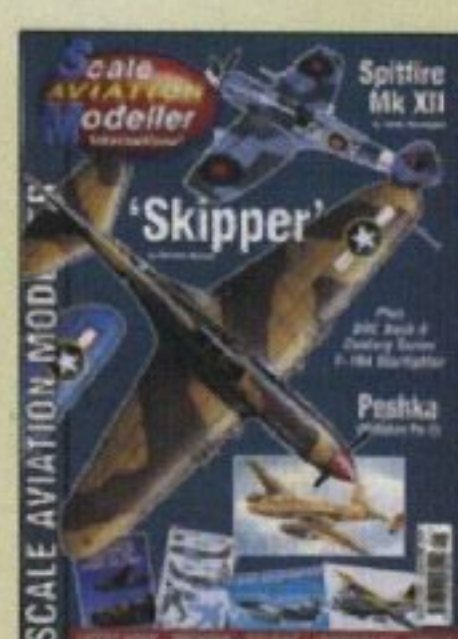
SPECIAL OFFER!

BUY 3 – GET A 4TH FREE! ONLY WHEN YOU ORDER DIRECT FROM SAM PUBLICATIONS

We have the following issues available:



Vol 5:12



Vol 6:1



Vol 6:7



Vol 6:8



Vol 6:9



Vol 6:10



Vol 7:1



Vol 7:4



Vol 7:5



Vol 7:7



Vol 7:10



Vol 7:11



Vol 8:4



Vol 8:5



Vol 8:6



Vol 8:8



Vol 8:9



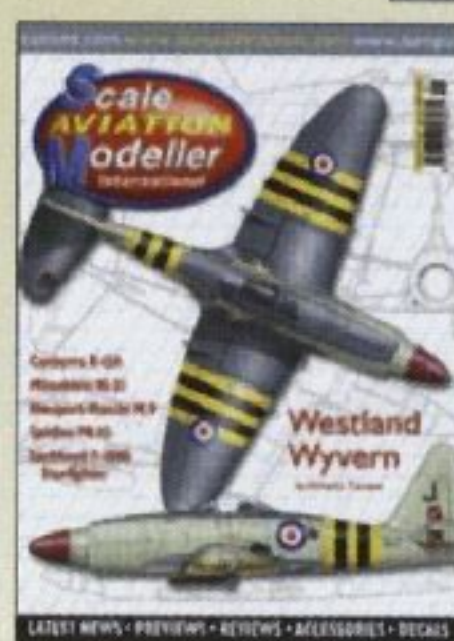
Vol 8:10



Vol 8:11



Vol 8:12



Vol 9:1



Vol 9:2



Vol 9:3



Vol 9:4



Vol 9:5



Vol 9:6



Vol 9:7



Vol 9:8

BINDER & SUBSCRIPTION HOTLINE

Tel: +44 (0) 8707 333373 Fax: +44 (0) 8707 333744

e.mail: mail@sampublications.co.uk

When using e.mail, please leave your name and address and your credit card details along with your order.

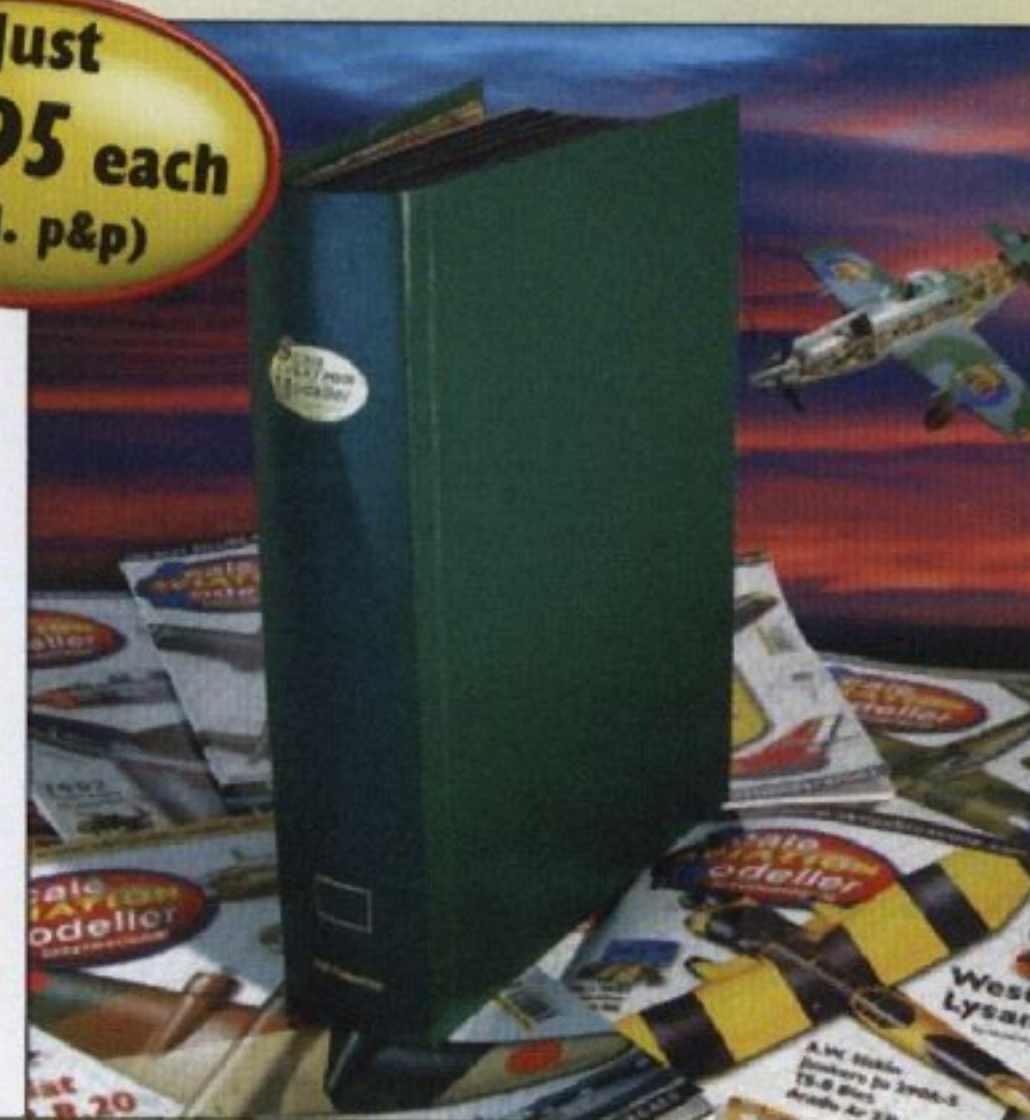
BINDERS

Just
£7.95 each
(incl. p&p)

Available to all readers, strong, robust 'Cordex' binders to hold 12 issues of Scale Aviation Modeller International.

The binders use a bonded nylon cord, allowing easy insertion and removal of your magazines, holding them firmly in place, without damaging them.

The binder is green, and carries the SAM logo embossed in gold leaf.



Mr/Mrs/Ms Initial _____ Surname _____

Address _____

Postcode _____

Daytime Tel. No. _____

SAM Publications

Media House, 21 Kingsway, Bedford MK42 9BJ

☐ **BINDERS** (Cheque, Credit/Debit Card)

Please send me _____ binder(s) at £7.95 each (incl. p&p)

☐ **BACK ISSUES** (Cheque, Credit/Debit Card)

Please send me back issues as ticked above. Available at £3.00 inc p&p (UK), £3.50 (Overseas)

Please allow 28 days for delivery.

☐ I enclose a Sterling cheque made payable to SAM Publications

Please charge my ☐ Visa ☐ Mastercard ☐ Switch/Solo

Valid From _____ Expiry date _____ Switch/Solo Iss No _____

Card no _____

Signed _____ Today's date _____

SAMAVIA-09-03

squadron.com
your web
Hobby Shop



AJ3431 Accurate Miniatures from USA 1/48 Scale
B-25C/D Mitchell
\$47.98 **\$42.97**



RM5508 Revell/Monogram from USA 1/48 Scale
A/B-26C Invader
\$19.98 **\$17.97**



ER8895 ERTL from USA 1/48 Scale
A-20J Havoc
\$20.25 **\$16.96**



HC1438 Hobbycraft from Korea 1/48 Scale
YP-59 Airacomet
\$27.98 **\$24.97**



MH2217 Academy from Korea 1/35 Scale
AH-60 DAP Helicopter
\$63.00 **\$49.92**



AJ3413 Accurate Miniatures from USA 1/48 Scale
Grumman F3F-1
\$27.98 **\$24.97**



MI11633 Minicraft from USA 1/72 Scale
PB4Y-1 USN
\$24.00 **\$21.47**



RM5843 Revell/Monogram from USA 1/48 Scale
F-101B Voodoo
\$17.98 **\$15.97**



IC72042 ICM from Ukraine 1/72 Scale
Ilya Muromets
WW I Russian Bomber.
\$17.00 **\$15.97**



AT729202 AMtech from USA 1/72 Scale
EC-135N/E ARIA/ALOTS
\$44.98 **\$40.47**



CF0463 Classic Airframes from USA 1/48 Scale
Westland Whirlwind
\$49.95 **\$44.97**



AD0001 Antares from Czech Republic 1/72 Scale
Curtiss SC-1 Seahawk
\$9.98 **\$4.92**



RM6875 Revell/Monogram from USA 1/48 Scale
TBD-1 Devastator w/ Book
Includes US Navy & Marine Aircraft of WW II:
Dive & Torpedo Bombers, by Bert Kinzey.
48 pgs. **\$24.97**



AT489203 AMtech from USA 1/48 Scale
Hs 123
\$29.98 **\$26.97**



RM4565 Revell/Monogram from USA 1/32 Scale
Bell X-1
\$16.05 **\$14.47**




ANG0003 Grand Phoenix Productions from Czech Republic 1/48 Scale
FJ-4B Fury
\$49.95 **\$44.97**



CM4809 Czech Model from Czech Republic 1/48 Scale
T-34C Mentor
\$29.95 **\$24.96**



KPS48005 Sword from Czech Republic 1/48 Scale
FM-2 Wildcat
\$29.98 **\$19.99**



Squadron Mail Order







1115 Crowley Drive
Carrollton, Texas
75011-5010
U.S.A.

Squadron Mail Order Catalog Subscription Rates
U.S. and APO/FPO Addresses:
\$5.00/Year
Includes Catalog & 12 Supplements
Canada & Foreign Countries*
\$10.00/Year

*(\$6.00 per catalog where supplement service is not available)
*Supplement service not available to all countries. Write for availability to your country.

YOUR CHECK OR MONEY ORDER MUST BE DRAWN ON A U.S. BANK IN U.S. FUNDS.





Valiant Miniatures from USA 1/32 Scale (54mm)

VL09808 USN Pilot WWII. Metal
VL09826 German Pilot N. Africa ww II. Metal
VL09873 German Night Fighter Pilot. Metal
VL09872 US Marine Pilot WWII. Metal
EACH **\$8.97**